ColorOS13

Review Guide

*This guide serves as a reference only. Actual functions and features may vary on final product

*EMBARGOED: Information NOT for release before 18th August 2022: 19:00 GMT+8

Inspiration Ahead

Smart & Connected

Overview

OPPO’ s newly released ColorOS 13 will impress users across the world with its concise and comfortable design and user-friendly features. The latest OS has a number of key Android 13 features, a brand-new Aquamorphic Design, and a major upgrade to the user interface. Utilizing OPPO’ s latest tech innovations, ColorOS 13 includes a range of new features for smart multi-device connections to enhance productivity and ensure seamless intelligent experiences for users.

- Design: Embracing its concise and comfortable Aquamorphic Design, ColorOS 13 comes with new animation effects, layout, and system hierarchy, along with new illustrations, updated fonts, and typography.
- Always-On Display: The upgraded Always-on Display now shows Spotify controls, food delivery information and features functions such as Insight Always-On Display and Bitmoji, giving users the power to find useful information and get better control of their digital wellbeing without unlocking their phones.
- Home Screen: Open apps on the Home Screen without opening folders in Large Folders. New widgets simplify operations and help users organize their home screens.
- Control Center: An updated and recategorized Control Center provides a more intuitive interaction experience and has a convenient one-stop media playback center and a new IoT module*.
- Multi-Screen Connect: With the first OPPO Pad Air joining Multi-Screen Connect ecosystem, ColorOS 13 supports Multi-Screen Connect between OPPO phones, and OPPO Pad Air, and between OPPO phones and PCs.** Benefit from OPPO’ s self-developed technology, transferring files of various sizes and formats between PC and any OPPO smartphone is now accessible to all regardless of hardware, without consuming any data. It can also sync the clipboard to different devices. This feature significantly boosts productivity for people who use multiple devices.
- Meeting Assistant: Prioritize meeting network and help users better concentrate by weakening notifications from other apps to improve the overall meeting experience.
- Privacy and Security: ColorOS 13 has integrated the underlying privacy capabilities of Android 13 and also comes with a range of other features based on OPPO’ s self-developed technology.

**The new IoT module will be available on ColorOS 13.1 and onwards.*

***To use Multi-Screen Connect, your computer must meet these minimum requirements: Windows 10 build 18362 or later; Intel i3 2.4GHz processor and above; Wi-Fi Direct; Bluetooth protocol 4.1 or higher. 8GB RAM and 2.4GHz & 5GHz dual-band Wi-Fi are recommended. For detailed information, please refer to https://connect.oppo.com/en-US/adaptedModels.*

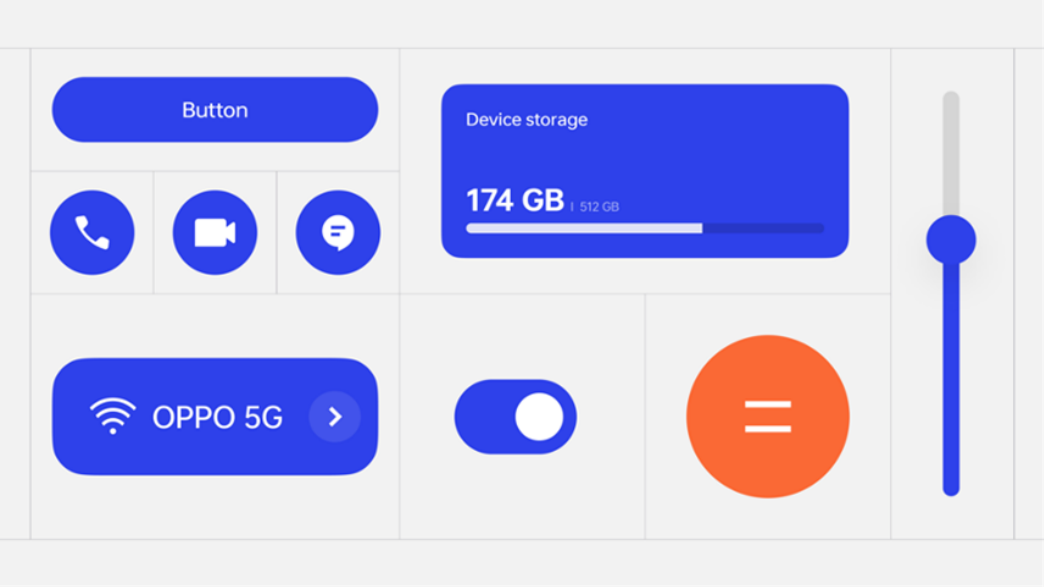
Design

To counteract this feeling of fatigue, and to bring some more vitality into everyday life, we've refreshed ColorOS 13 with an amazing design inspired by one of the greatest gifts from nature... water. Water is seen as a symbol of hope and vitality in every culture. And water, as it turns out, is just how we envision our technology: peaceful, vibrant, all-pervading, but silently impacting our life.

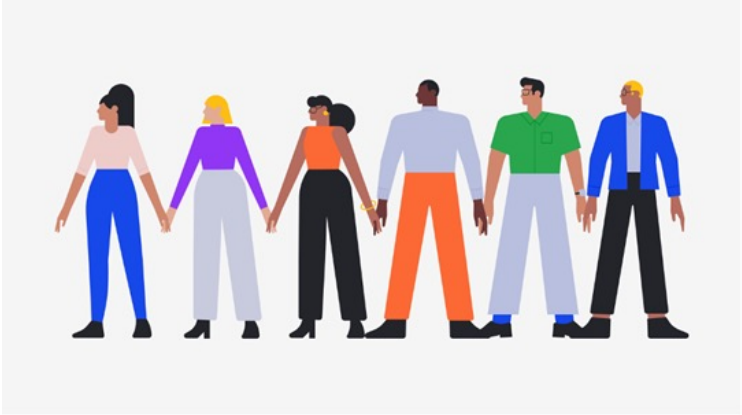
- Xi Zeng, Director of Software Design , OPPO

The OPPO software engineering team has integrated water-inspired elements in the new Aquamorphic Design, including new system theme palettes, smooth animations, and adaptive layouts to accommodate different devices. ColorOS 13 provides users with a concise and comfortable design and intelligent, user-friendly experience.

New System Theme Palettes: The neutral, inclusive and welcoming blue color theme for ColorOS 13 is inspired by the subtle differences in color on the water during sunrise and sunset. Users can experience this beautiful feature by switching their mobile phones to the new global theme palette, and you will find all UI's colors applied to it.



Empty State Illustration: Illustration systems add images to spark positive emotions and vitalize text communication. ColorOS 13 adds illustrations on white spaces in the operating system settings. The illustrations feature a diverse array of images, including classic cultural and historical images such as Salvador Dali's Clock and *Vermeer's Girl with a Pearl Earring*. The feature also has modern elements, for example, images of smartwatches and smartphones.



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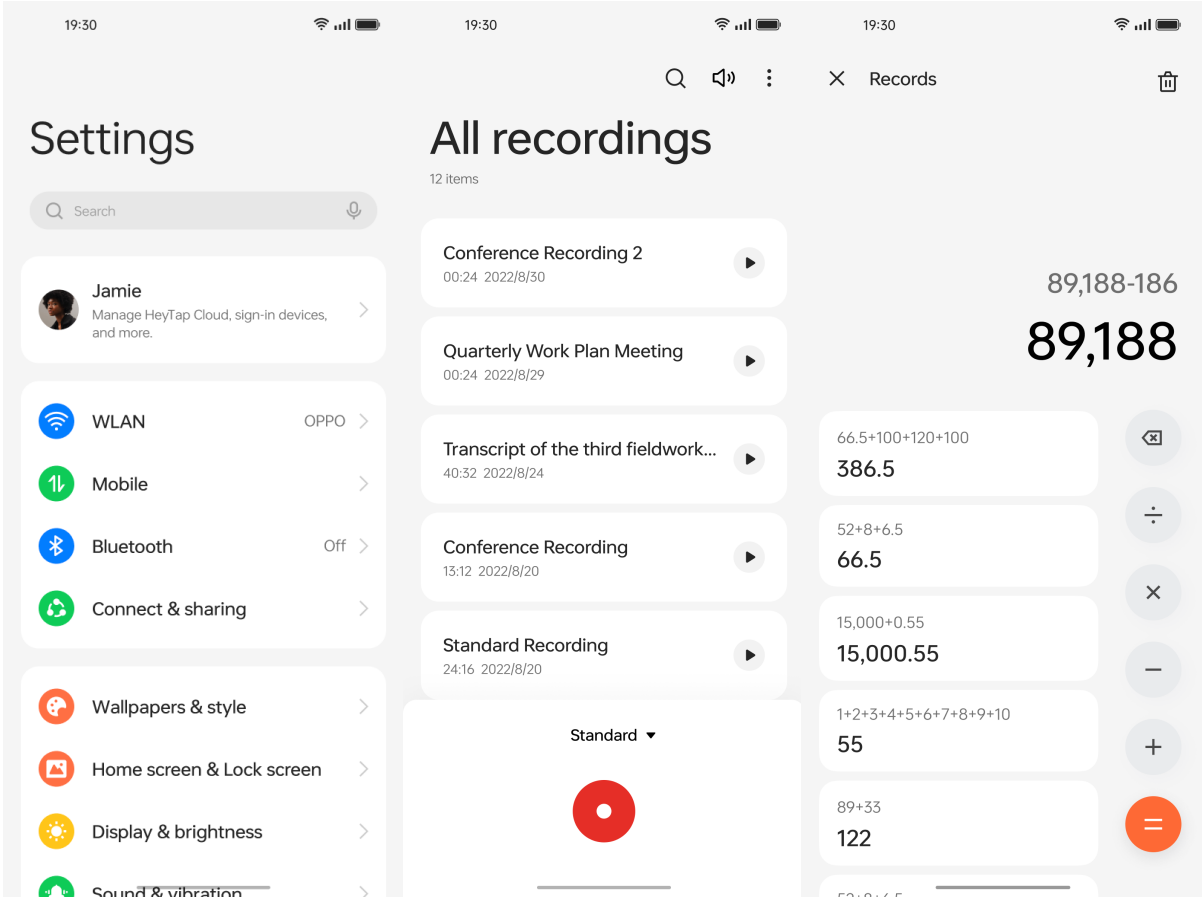
Design

System Fonts and Typography: The new system fonts improve the visual experience of Latin & Cyrillic and Arabic numerals. The more stable appearance and slightly wider font face improve the readability of text in the user interface.

ColorOS 13 has also enhanced the typography to adapt it to different thicknesses, sizes, styles of text, and languages, to provide users across the world with a clear and beautiful reading experience.

A card-styled Layout has been added to ColorOS to organize the interface. Featuring different sizes of cards that sort and classify information according to the type of content, the feature helps users quickly grab key information.



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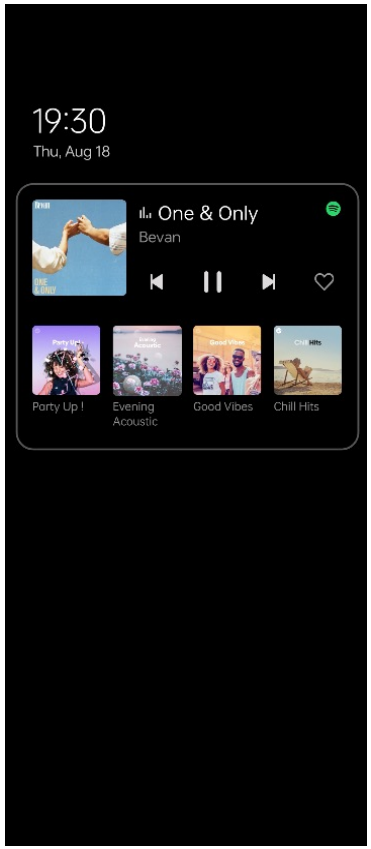
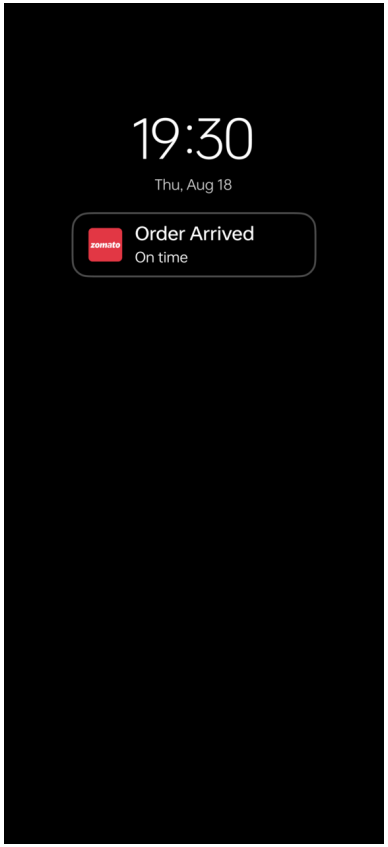
Always-On Display

ColorOS 13 has a huge upgrade to its Always-On Display*. ColorOS13 reduces the menu hierarchy and making life easier for users to access the information they need. It also reduces its refresh rate down to just 1 hertz, aiming to bring more information with less power consumption. Now users can easily control Spotify when the screen is locked and check other apps such as food delivery without having to frequently open the relevant apps. Bitmoji and Insight Always-On Display have also been integrated into ColorOS 13 to deliver a more user-friendly experience.



Music: Control Spotify on the Always-On Display screen to play, pause, stop, or select playlists from the recommendations section.



Food delivery: ColorOS 13 supports apps like Zomato (India) and Swiggy (India) to show "Order accepted", "Meal picked up", "Distance to destination", "Delivered" and other information on Always-On Display. This is super handy when your hands are full with bags or a cup of morning coffee. Just take a quick look at your Smart Always-On Display and find all the info you need with no extra effort.

**For non-AOD-supporting models, the control panel is displayed at hand rise or double-click on the screen. Smart Always-On Display only supports certain models due to hardware limitations, please refer to the actual situation. The display supports Spotify controls and food delivery information from Zomato and Swiggy and more to be released once they' re available.*
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Always-On Display*

“Homeland” : The new ColorOS 13 comes with a series of Always-On Display animations featuring animals and nature. The Always-On Display animations reveal the changes in the homes where animals live, based on daily temperature changes. Users can have an insight into the big world of the earth from the small screen of the mobile phone, calling on attention to climate change and the earth we live on together.

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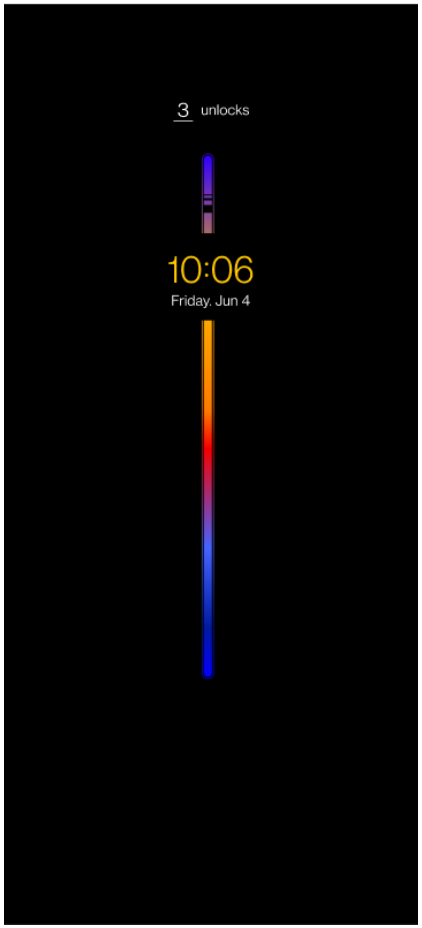
Always-On Display*

Enhanced personalized experience on ColorOS 13 with Bimoji Always-On Display and Insight Always-On Display.

Bitmoji Always-On Display: OPPO has continued its partnership with Snapchat to bring Bitmoji to ColorOS 13’ s Always-On Display. Connect to the Bitmoji app to display your personal emoji on screen to show what you are possibly doing in real life, such as waking up, eating, finishing work, listening to music, etc.

Insight Always-On Display: Insight Always-On Display shows users’ digital behavior on screen with a color bar tracking the number of times they’ ve unlocked the phone, and how many hours they spend on the phone. Insight Always-On Display encourages users to take better care of their digital well-being and pushes them to spend more time enjoying life away from their phones.

Bitmoji Always-On Display



Insight Always-On Display

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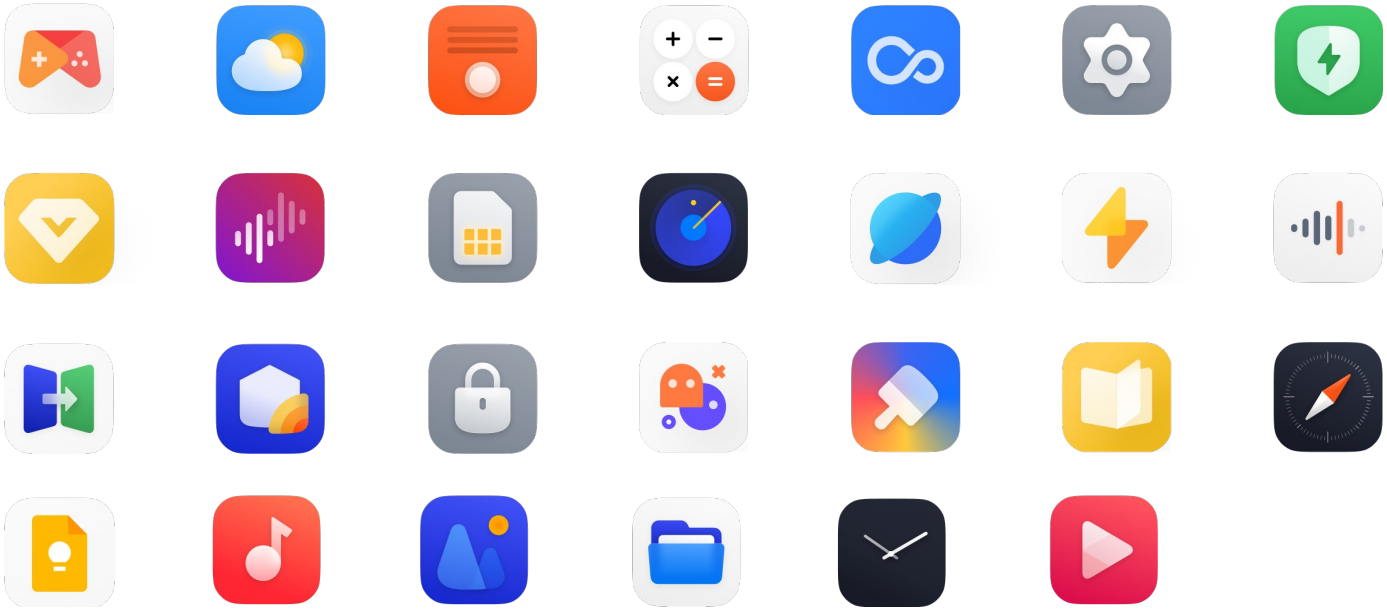
Home Screen and Control Center

The ColorOS home screen enlivens the user experience. The newly designed app icons are more recognizable and easier to read, even for people with visual impairments. The Large Folders allow users to easily manage and access their apps and the widgets personalize their home screen. The new Control Center offers a more interactive experience in both landscape and portrait modes, providing convenient access to toggles and notifications.

App Icons: Based on the acrylic style of ColorOS 12, the icon design in ColorOS 13 is easier to read with stronger color contrast, so even users with visual impairments can easily read onscreen prompts and instructions.



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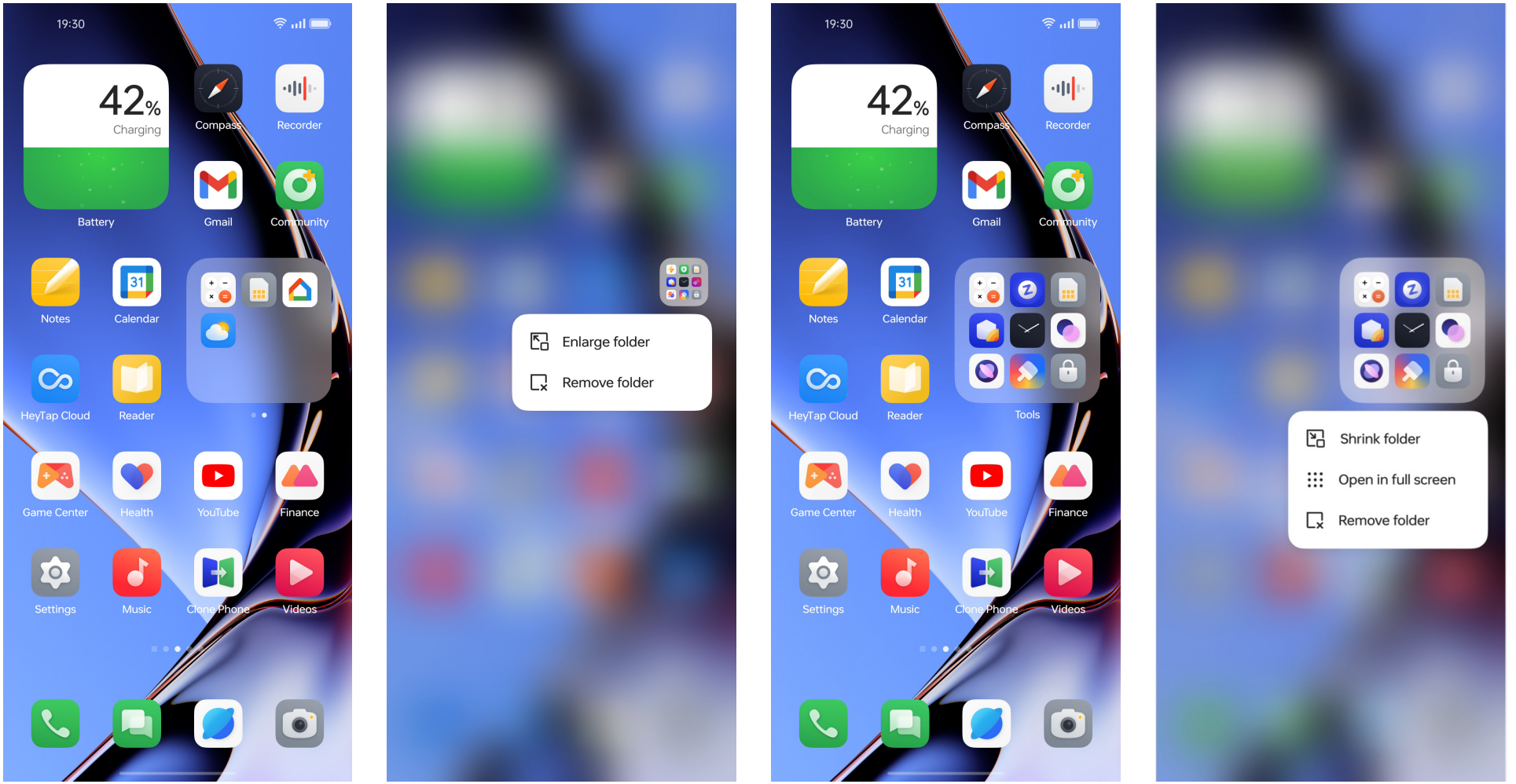
Home Screen and Control Center

Large folders improve efficiency by allowing users to quickly open apps. Simply press and hold a folder to change the size from 1×1 to 2×2. To open an app in a Large Folder, tap it directly on the home screen without having to open the folder itself. Users can also swipe to other pages to open apps on the home screen in a large folder, making accessing apps simple and efficient.



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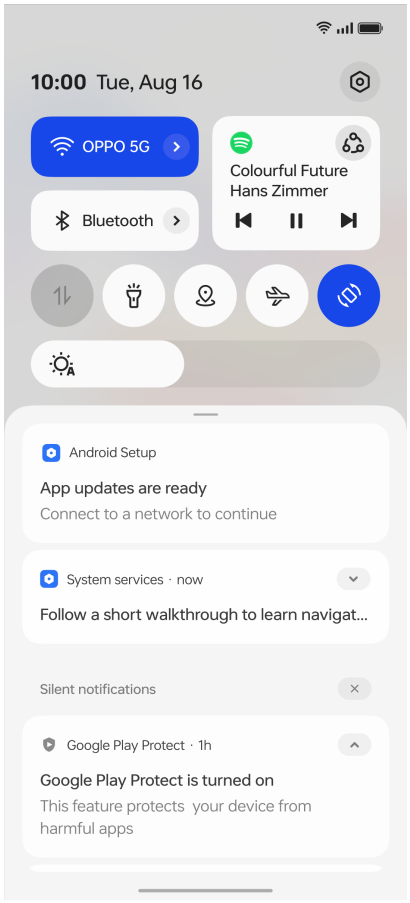
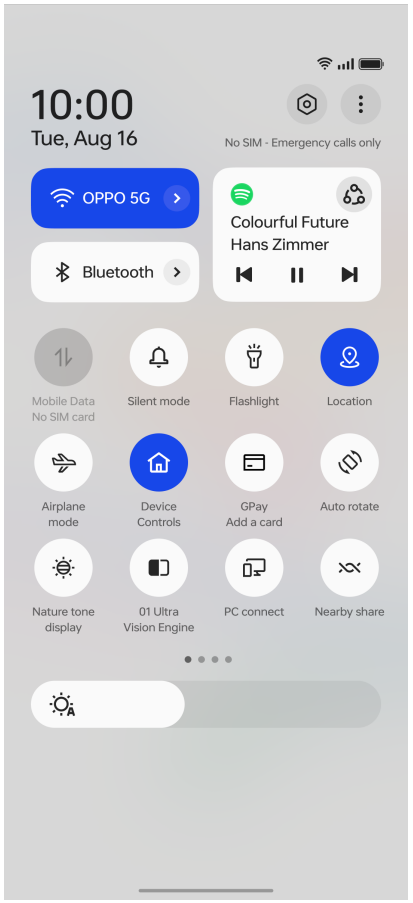
Home Screen and Control Center

Creating a personalized home screen is now easier with new widgets. Widgets support multiple apps such as Clock, Weather, Albums, Spotify, Google Calendar, etc.

ColorOS 13 has redesigned the Control Center to allow users to effortlessly tap frequently used toggles such as Wi-Fi and data network. It also makes controlling music easy by switching playback devices* and adjusting the volume. The new Control Center also has an improved layout which can change to landscape mode. Whether you are watching a movie or playing a game, the Control Center gives you quick access to shortcuts and notifications.





**Switching playback devices will be available on ColorOS 13.1 and onwards.*
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Multi-Screen Connect

Connect with OPPO Pad Air: ColorOS 13 features an all-new connectivity experience with OPPO Pad Air supporting OPPO’ s Multi-Screen Connect. Tap the Multi-Screen Connect toggle in Control Center to connect your phone to the latest OPPO Pad Air to open apps on the tablet, transfer files, and share the clipboard between devices.

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Multi-Screen Connect

In addition to the connectivity with OPPO Pad Air, ColorOS 13 further enhances the connect experience with PCs*. Users can display three windows from their phone simultaneously on the Windows PC: one for screen mirroring, and two for other apps. This function will help boost productivity as it eliminates the need to switch between devices for apps.

File Transfer: Within the powerful Multi-Screen Connect feature covering PCs, OPPO phones, and OPPO Pad Air, users can transfer files without consuming mobile data. Benefit from OPPO’ s self-developed technology, File Transfer supports pictures, music, documents, videos and more formats on any OPPO phones regardless of hardware.

Supporting Android 13 Connectivity Features: ColorOS 13 also integrates Android 13's newest connectivity features. App Streaming supports ColorOS 13 devices to connect with ChromeOS. For example, by casting Google Messages from your phone to your Chromebook, you can stay in touch with your friends and make audio or video calls. Nearby Share makes it easier to transfer files and share the clipboard between ColorOS 13 devices and Windows PCs. The more powerful Fast Pair feature accurately identifies headsets and quickly pairs them to a user’ s phone. Furthermore, headsets can seamlessly switch between ColorOS 13 devices, eliminating manually changing devices to connect to headsets.

**To use Multi-Screen Connect, your computer must meet these minimum requirements: Windows 10 build 18362 or later; Intel i3 2.4GHz processor and above; Wi-Fi Direct; Bluetooth protocol 4.1 or higher. 8GB RAM and 2.4GHz & 5GHz dual-band Wi-Fi are recommended. For detailed information, please refer to https://connect.oppo.com/en-US/adaptedModels.*

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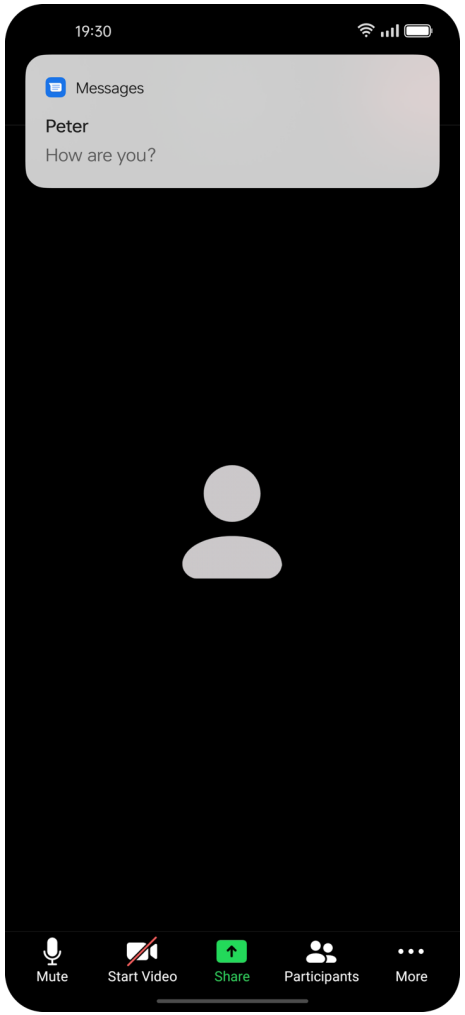
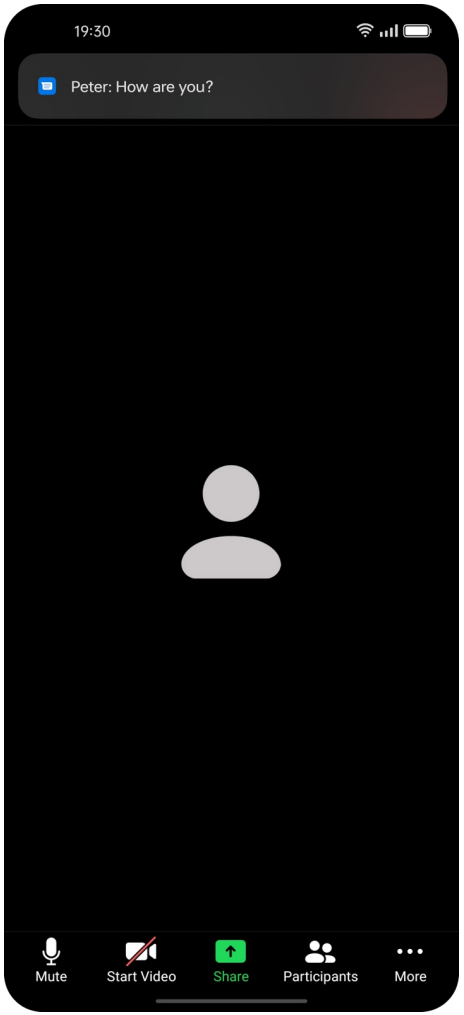
Meeting Assistant

When you are using Google Meet, Microsoft Teams or Zoom meetings, OPPO's self-developed Meeting Assistant will bring you a better meeting experience. With on-device algorithm model, Meeting Assistant will first find out whether you are using a meeting app or not. It also prioritizes the sending of data packets in online meetings to optimize the network for a smooth network environment.

In addition, Meeting Assistant switches regular banner notifications to simplified ones to reduce distractions during online meetings.



Default system notifications



Simplified notifications provided by Meeting Assistant

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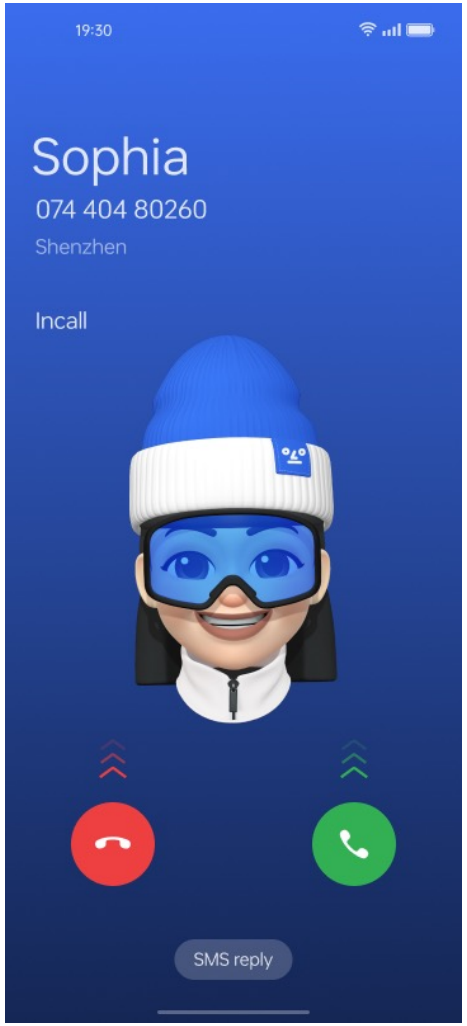
Omoji

Omoji* provides users with vivid and interesting images to create an “identity card in the digital world” .

Users can use Omoji as a headshot on various social apps, or show it on Always-On Display. ColorOS 13 also supports Omoji avatars in OPPO Contact to personalize your contacts and make communication more fun.



ColorOS 13's Omoji comes with more facial shapes and features, makeups, social statuses, and hobbies, covering a variety of personalized styles such as Chinese style, cool style, everyday style, and international style.

**Omoji features are unavailable in Europe countries and only available on mobile phones with or more than 8GB RAM.*
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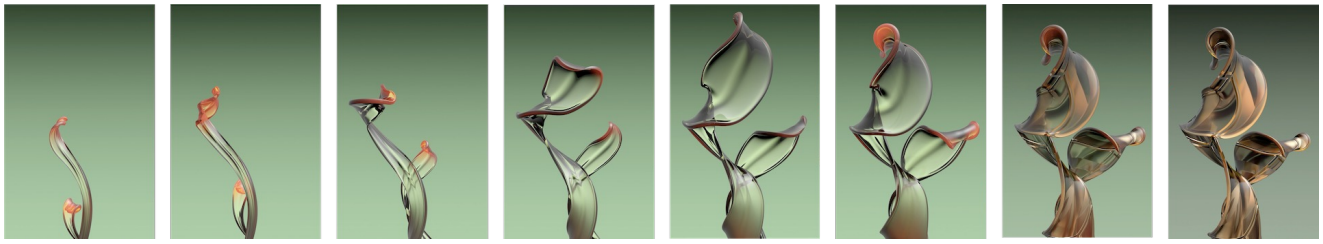
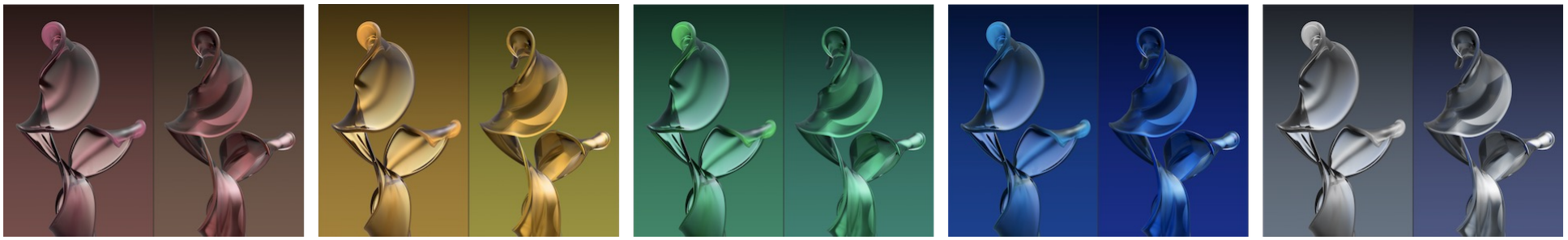
Blossom Wallpaper

The new Blossom Wallpaper* visualizes the growth of a plant shoot on the lock screen to indicate how much time the user spends on the phone.



Simply set a daily time limit to watch the Blossom Wallpaper blossom into a plant shoot in real-time, reaching full bloom when a user hits their daily time limit for the day. If users exceed the daily time limit the plant will start to transform into a metallic piece of art. Moreover, the color of the plant will also change to match the app used the most in the past hour. Blossom Wallpaper will help users monitor their digital wellbeing in a way that is aesthetically pleasing.



**Blossom Wallpaper is not available for smartphone with 720p resolution.*
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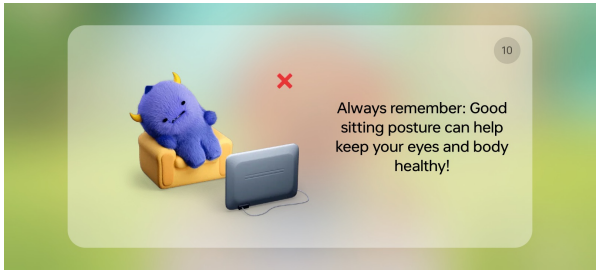
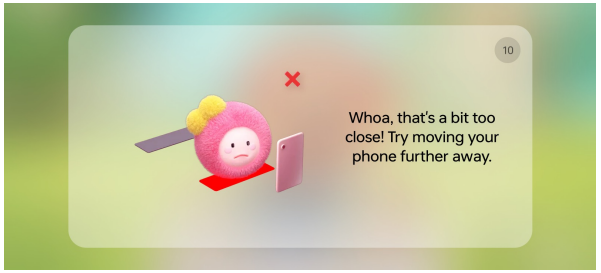
Kid Space

Focusing on guarding children’ s digital health, Kid Space* is a safe option for parents to control how kids interact with phones. With ColorOS 13, the system fully leverages the hardware sensor to provide comprehensive protection for children with a particular focus on their eyesight. When the Kid Space is switched on, eye comfort mode is automatically enabled.



Ambient light reminder: The ambient light sensor of the phone can detect the surrounding light, and when the light is too dark, the system will remind children to use the device in a bright environment to avoid harming their eyesight.



Sitting position reminder: If kids sit incorrectly when using the phone, such as, lowering or tilting their heads, or lying down, the system will remind them to maintain a correct sitting position to improve posture and ease the burden on their spine and eyes. The ambient light sensor of the phone can detect

Viewing distance reminder: The system will also issue a reminder when the child is watching the screen from a close distance. This will help to keep kids at an appropriate viewing distance to protect their vision.

** Sitting position detection & distance detection depend on smartphone configuration and may not available on some models. In overseas versions, this function coexists with the Google Parental Controls function.*
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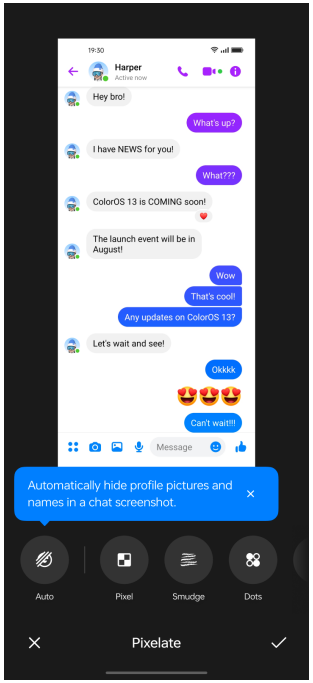
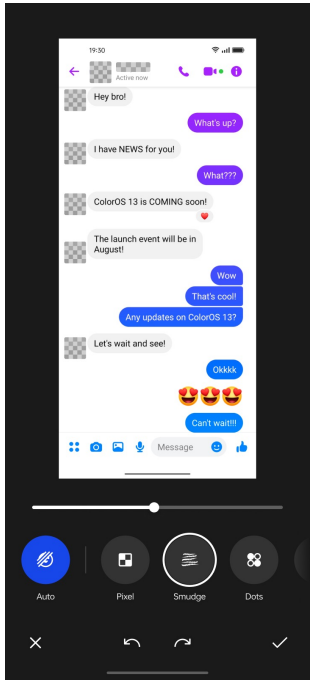
Security and Privacy

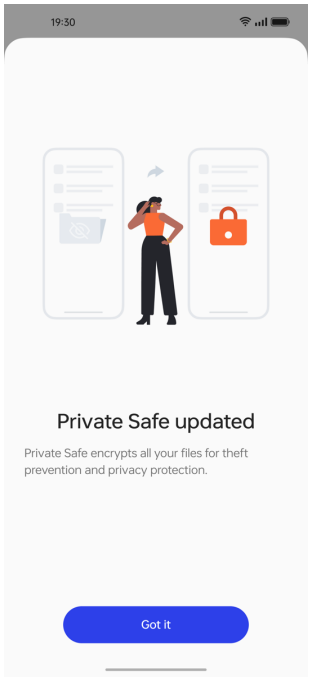
Auto Pixelate: The new Auto Pixelate feature blurs out avatars and nicknames in chat screenshots totally based on on-device algorithm model. When users take a screenshot or edit the screenshot in a photo album, ColorOS will remind them to Auto Pixelate through intelligent recognition achieved by local processing. With one tap, the avatars and nicknames will be blurred, protecting the personal privacy of users.

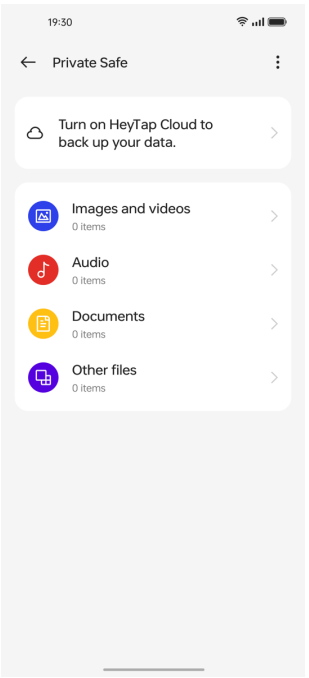
Auto Pixelate now supports Messenger and WhatsApp. After you pixelate the chat screenshot, you can undo or redo it at any time.





Private Safe: Private Safe encrypted with widely-used AES algorithm stores the encrypted files in a private directory, ensuring an extremely high level of security. Users will feel more at ease with private files encrypted and stored separately in the Private Safe.





Integrating Android 13 Privacy Features: ColorOS 13 has also integrated the underlying privacy capabilities of Android 13, which comprehensively secures privacy. For example, the system will automatically delete your clipboard history after a short period of time, preventing sensitive information leaks caused by malware. In addition, with the Nearby Wi-Fi feature*, users can enjoy Wi-Fi without revealing specific location information.

**The feature needs to be adapted by the application itself.*
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ColorOS 13 Roll Out Plan (Tentative)

Time		Models	
First-Round (2 Models)	August	Find Series (2 models)	Find X5 Pro, Find X5
Second-Round (33 Models)	September (2 Models)	Find Series (2 models)	Find X3 Pro
		Reno Series (1 model)	Reno8 Pro 5G
	October (9 Models)	Reno Series (5 models)	Reno8 5G, Reno7 Pro 5G, Reno7 5G, Reno7, Reno6 5G
		A/F/K Series (4 models)	F21 Pro, K10 5G, A77 5G, A76
	November (10 Models)	Reno Series (6 models)	Reno7 Z 5G, Reno6 Pro 5G, Reno6 Pro 5G Diwali Edition, Reno6 Z 5G, Reno5 Pro 5G, Reno5 Pro
		A/F/K Series (4 models)	F21 Pro 5G, F19 Pro+, K10, A96
	December (12 Models)	Find Series (6 models)	Find X5 Lite 5G, Find X3 Neo 5G, Find X3 Lite 5G, Find X2 Pro, Find X2 Pro Automobili Lamborghini Edition, Find X2
		Reno Series (4 models)	Reno8, Reno8 Z 5G, Reno5 5G, Reno5 Z 5G
		A/F Series (2 models)	A94 5G(Elsa), A74 5G
Third-Round (25 Models)	2023 H1 (25 Models)	OPPO Pad (1 model)	OPPO Pad Air
		Reno Series (10 models)	Reno8 Lite 5G, Reno7 Lite 5G, Reno7 A, Reno6, Reno6 Lite, Reno5, Reno5 Marvel Editio, Reno5 F, Reno5 Lite, Reno5 A
		A/F Series (11 models)	F19 Pro, F19, F19s, A95, A94, A77, A74, A57, A57s, A55, A54 5G, A54s, A53s 5G, A16s

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