

Actual pictures of the planets

In the summer of 1989, NASA's Voyager 2 became the first spacecraft to observe the planet Neptune up close, its final planetary target. Voyager at Neptune. 11 Images. ... This data visualization uses actual spacecraft trajectory data to show the family portrait image from Voyager 1's perspective in February 1990. NASA/JPL-Caltech. Keep Exploring.

The James Webb Space Telescope has captured its stunning, first official image of Saturn and its rings. With this new view of the iconic planet, the telescope has now taken images of all four of ...

4 days ago; Gallery of NASA Solar System Images. Our solar system is made up of a star--the Sun--eight planets, more than 140 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto.

Scientists have to make adjustments to turn JWST's raw data into something human eyes can appreciate, but its photos are "real," says Alyssa Pagan, science visuals developer for the Space ...

Earth from about 393,000 miles (633,000 km) away, as seen by the European Space Agency's comet-bound Rosetta spacecraft during its 3rd and final swing-by of our home planet in 2009. 10 ...

Neptune from Voyager 2. Image credit: NASA/JPL. Neptune is the eight planet of our Solar System, and the farthest from the Sun. Like Uranus, it is both a gas giant and ice giant, composed of a ...

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Take a photographic tour of the solar system. From their backyards, amateur astronomers have captured planet pictures that feature red Martian deserts, Jupiter's stormy cyclones, and Saturn's spectacular rings. Each of the planets presents a photographic opportunity and a peek at another world: Saturn's mysterious rings shine even for small scopes, though better equipment reveals ...

This image of Jupiter from NASA's James Webb Space Telescope's NIRCam (Near-Infrared Camera) shows stunning details of the majestic planet in infrared light. Credits: NASA, ESA, CSA, STScI, Ricardo Hueso (UPV), Imke de Pater (UC Berkeley), Thierry Fouchet (Observatory of Paris), Leigh Fletcher (University of Leicester), Michael H. Wong (UC ...

This image was taken as New Horizons zipped toward Pluto and its moons on July 14, 2015, from a range of 22,025 miles (35,445) kilometers. This single color MVIC scan includes no data from other New Horizons

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imagers or instruments added.

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Here are the first photos taken of every planet in our solar system. Pluto. NASA. New Horizons supplied this image taken 476,000 miles from Pluto. On Tuesday, the spacecraft came within just 7,750 ...

"Vega continues to be unusual:" Lack of planets around young star puzzles astronomers Stare into the "blood-soaked eyes" of 2 spooky galaxies in new Hubble, JWST images (video) Latest

Taking direct images of exoplanets is challenging because stars are so much brighter than planets. The HIP 65426 b planet is more than 10,000 times fainter than its host star in the near-infrared, and a few thousand times fainter in the mid-infrared. In each filter image, the planet appears as a slightly differently shaped blob of light.

Webb Views the Outer Planets. Images by Webb's Near-Infrared Camera (NIRCam) show Jupiter, Saturn, Uranus, and Neptune. This image of Jupiter from NASA's James Webb Space Telescope's NIRCam (Near-Infrared Camera) shows stunning details of the majestic planet in infrared light.

Mars, the red planet, is the seventh largest planet in our solar system. Mars is about half the width of Earth, and has an equatorial diameter of about 4,221 miles (6,792 kilometers). Mars is the fourth planet from the Sun, orbiting at an average distance of 141.6 million miles (227.9 million kilometers).

This image shows the recent observations of the planets Mars and Saturn made with the NASA/ESA Hubble Space Telescope. The observations of both objects were made in June and July 2018 and show the planets close to their opposition.

See stunning photos of Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune from various NASA missions. Learn about the features, moons and history of each planet in our solar system.

This animation depicts Jupiter's planet wrapping cloud structure, commonly referred to as "belts" and "zones," and the jet streams that... Jupiter, its Great Red Spot and three of its four largest satellites are visible in this photo taken Feb. 5,...

The Solar System "family portrait" is the final series of 60 images captured by NASA's Voyager 1 that show six of our solar system's planets. It remains the first and only time -- so far -- a spacecraft has attempted to photograph our home solar system. Only three spacecraft have been capable of making such an observation from such a distance: Voyager 1, Voyager ...



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Explore NASA's media galleries to view and download high-resolution images of the solar system, agency missions, and more. Image of the Day. Astronomy Picture of the Day. Discover the cosmos! Each day a different image or photograph of our fascinating universe is featured, along with a brief explanation written by a professional astronomer. Images.

Following in the footsteps of the Neptune image released in 2022, NASA's James Webb Space Telescope has taken a stunning image of the solar system's other ice giant, the planet Uranus. The new image features dramatic rings as well as bright features in the planet's atmosphere. The Webb data demonstrates the observatory's unprecedented sensitivity for the ...

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