



The image at left is a photomontage. It combines the famous Blue Marble image taken by the Apollo 17 astronauts with an image of a solar eclipse. The composite simulates the reason a lunar eclipse looks red – because, during a lunar eclipse seen from Earth, a person on the moon would see a solar eclipse, with sunlight streaming around Earth, through our atmosphere. At right, a fully eclipsed moon takes on the reddish color of sunlight filtered and refracted through Earth's atmosphere. Image at right via Jim Fakatselis. Composite image via AstroBob