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**COVER** Galileo color-ratio images of the moon, showing compositional variations. The Orientale basin, 900 kilometers in diameter, and portions of the far side highlands not seen from Earth (left: red) are similar in composition to soils collected at the Apollo 16 site. Several highland regions have enhanced iron content (yellow). The lowlands (upper right) consist of mare basalts with relatively high (blue) and low (orange)  $\text{TiO}_2$  content. See page 570. [Courtesy of the National Aeronautics and Space Administration and the Jet Propulsion Laboratory]

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