

National Aeronautics and
Space Administration



Messier 74 (M74)

Messier 74 (M74) is a spiral galaxy — like our Milky Way — that we see face-on from our vantage point on Earth about 32 million light-years away. Data from NASA’s Chandra X-ray Observatory (purple) spotlights activity connected to black holes and other high-energy phenomena in M74. Meanwhile, infrared data from NASA’s James Webb Space Telescope and optical light from NASA’s Hubble Space Telescope outline stars, gas, and dust throughout the galaxy.

Credit: X-ray: NASA/CXC/SAO; Optical: NASA/ESA/STScI;
IR NASA/ESA/CSA/STScI, J. Lee and the PHANGS-JWST Team

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