



## NGC 4151

NGC 4151 is a spiral galaxy about 43 million light years from Earth with an actively growing supermassive black hole located in the white region at its center. This composite image features its central region that resembles an eye. In the “pupil,” X-rays from Chandra (blue) are combined with optical data (yellow) showing positively charged hydrogen. The red around the pupil reveals neutral hydrogen detected by radio observations. A study has shown that the X-ray emission was likely caused by an outburst powered by the central black hole.

## July 2012

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