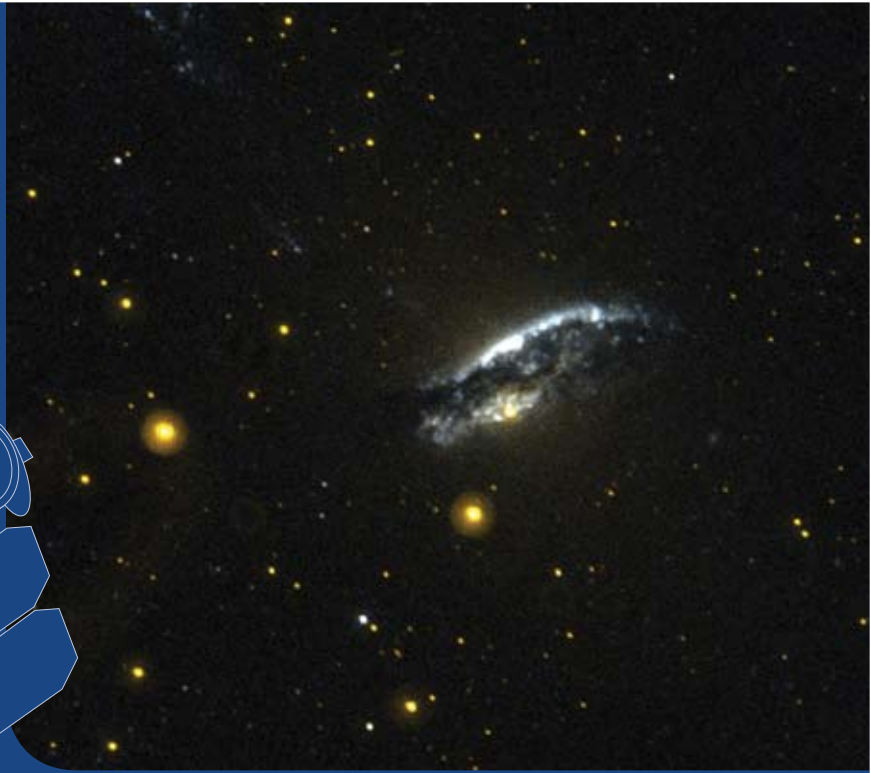


# GALEX

Galaxy Evolution Explorer



Centaurus A



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**GALEX**  
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### Centaurus A

This is the peculiar galaxy Centaurus A, which is 30 Million light years from Earth. This picture is a combination of the GALEX Far UV image (colored blue) the GALEX Near UV image (colored green) and an image taken by NASA's great observatory Chandra (colored red) that measures the X-ray emission from around this galaxy.

Centaurus A has a prominent dust lane that absorbs the ultraviolet light from the stars in the galaxy. This galaxy has a super massive black hole at its center that emits jets of high energy particles, traced by the X-ray emission observed by Chandra. At the intersection of the jets and clouds of Hydrogen gas approximately 50,000 light years away from the galaxy, several regions of Ultraviolet (UV) emission can be seen in the North-East (upper left) just beyond the X-ray emission. This UV light may be from young stars formed in a burst of recent star formation triggered by the compression of the gas clouds by the X-ray jet.

To:

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