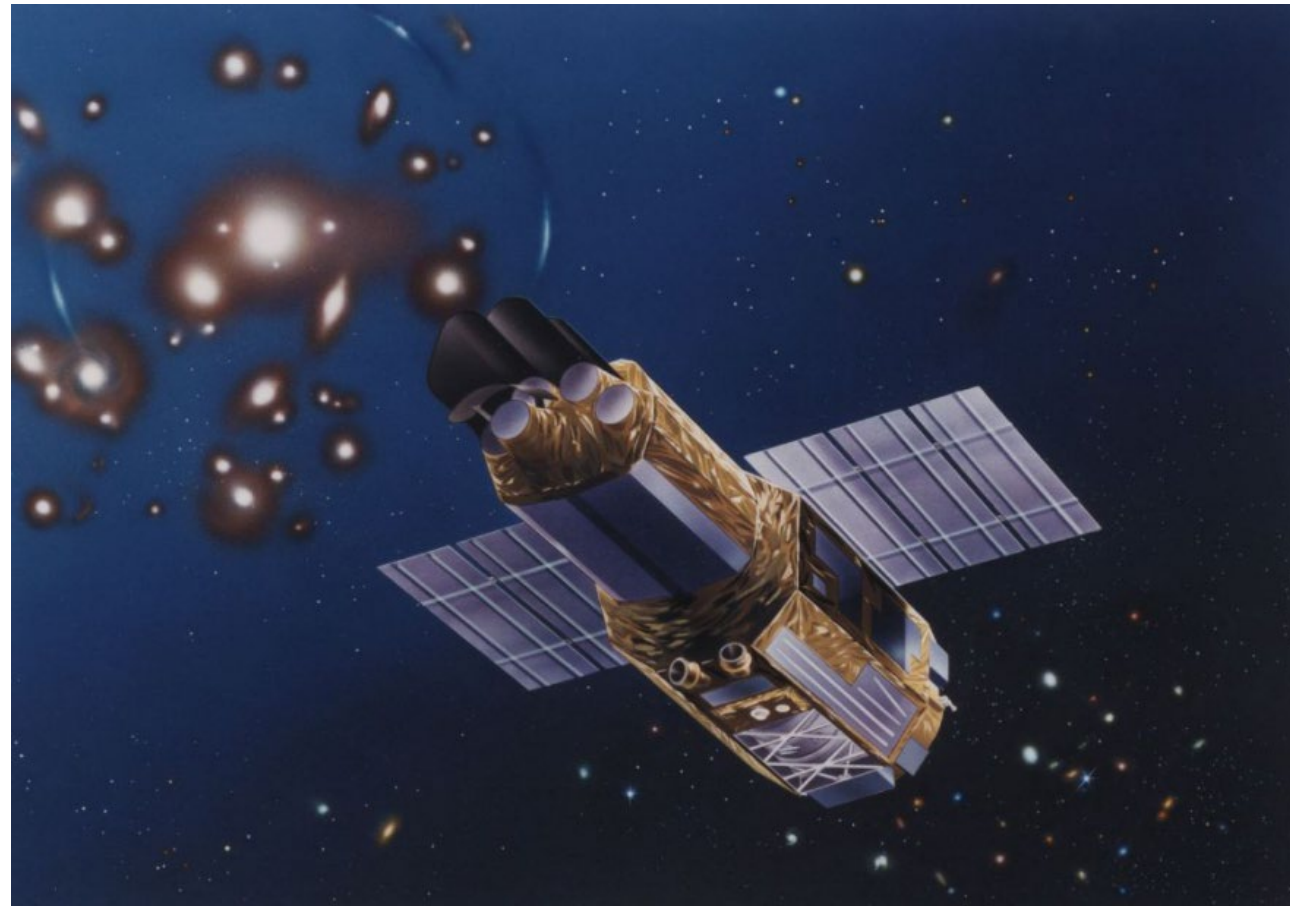


JAXA's Space Telescope

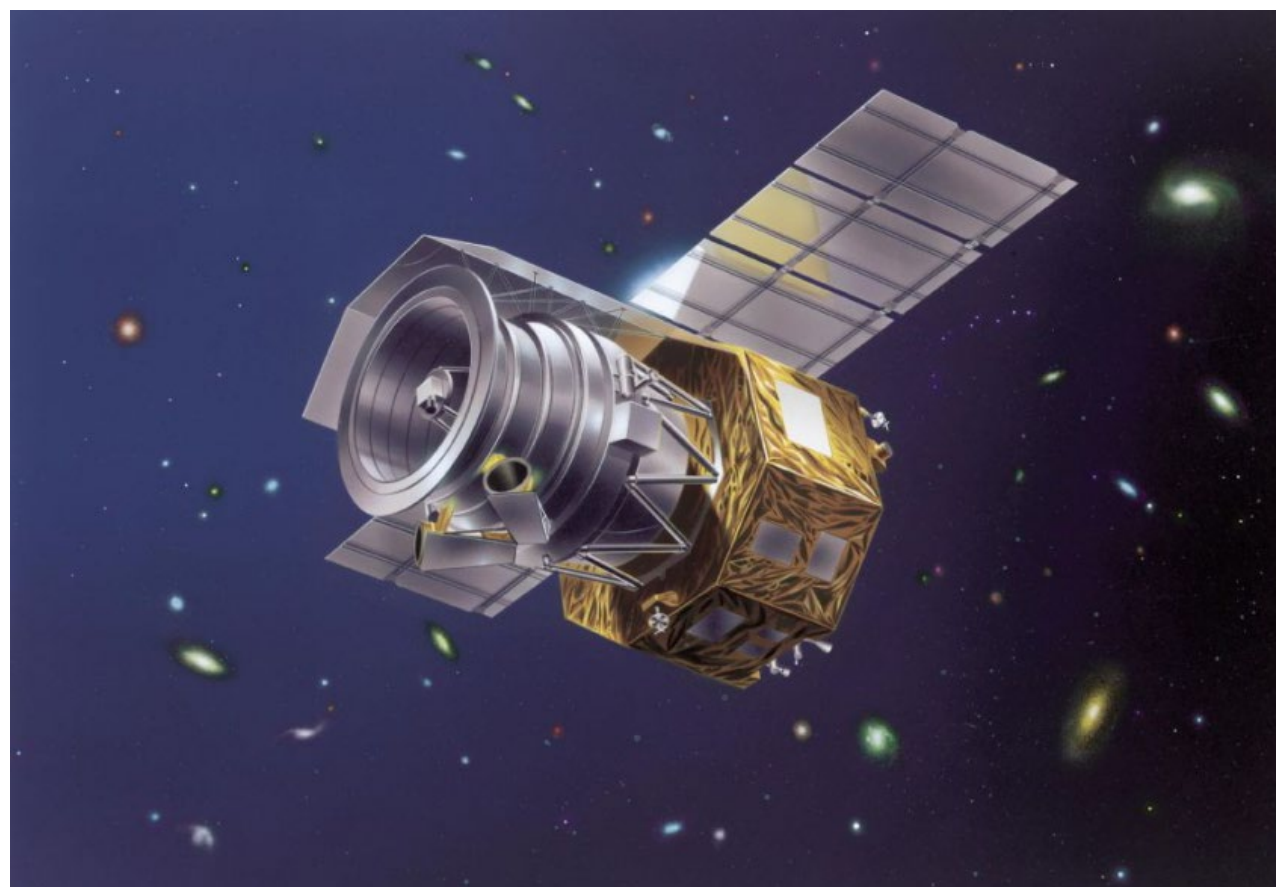
Write your answer in the following “【 】”.

What is the X-ray astronomy satellite that JAXA launched in 2005?



【 Suzaku 】

What is the infrared astronomical satellite that JAXA launched in 2006?



【 AKARI 】

Space Telescope and Visible Light

Fill in the blank with the correct answer.

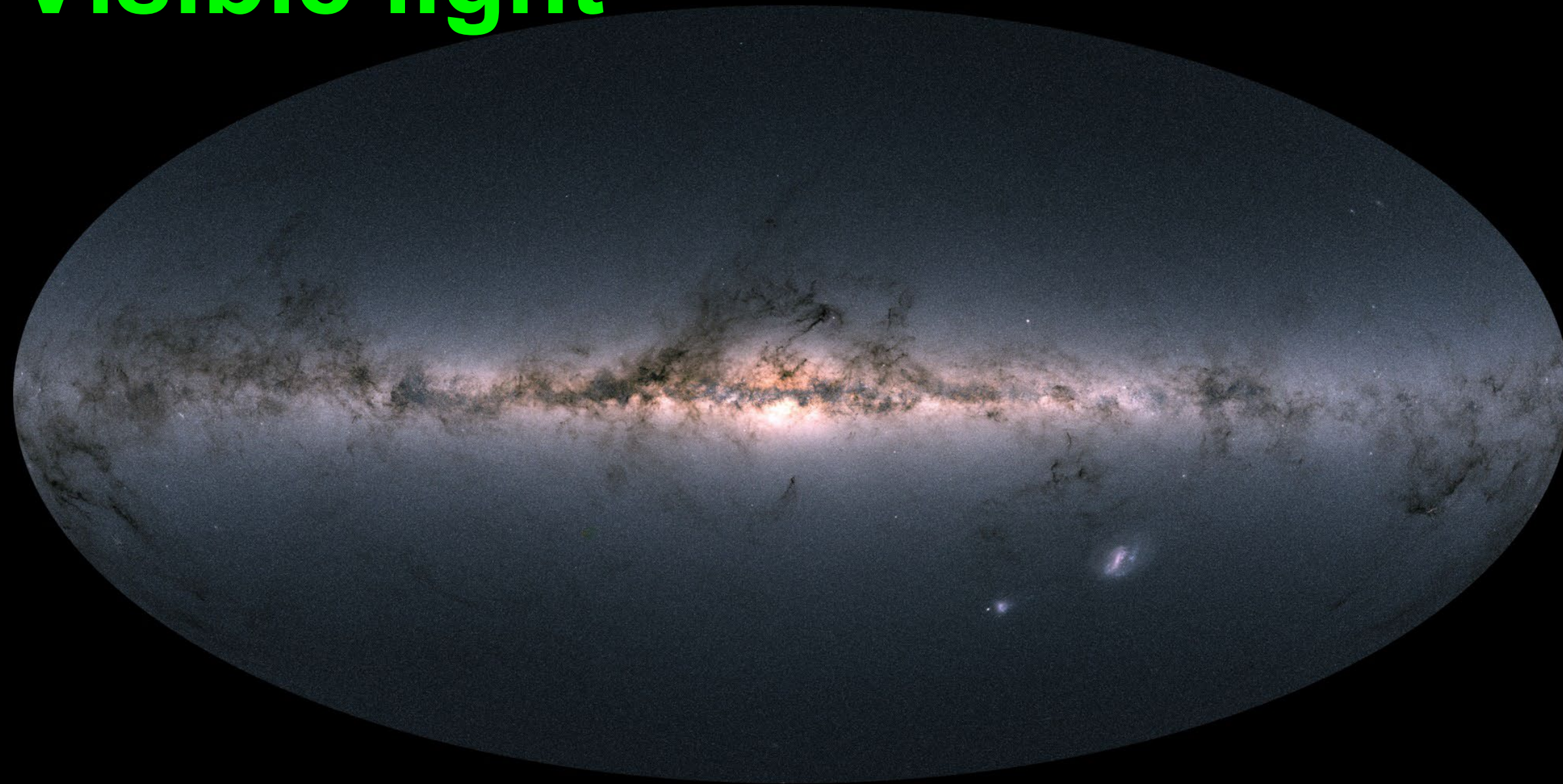
Question : Why do we need telescopes in space?

Answer : By avoiding the Earth's atmosphere, we can 【 take clear images 】 and 【 observe light with colors (wavelengths) that cannot pass through the atmosphere 】 .

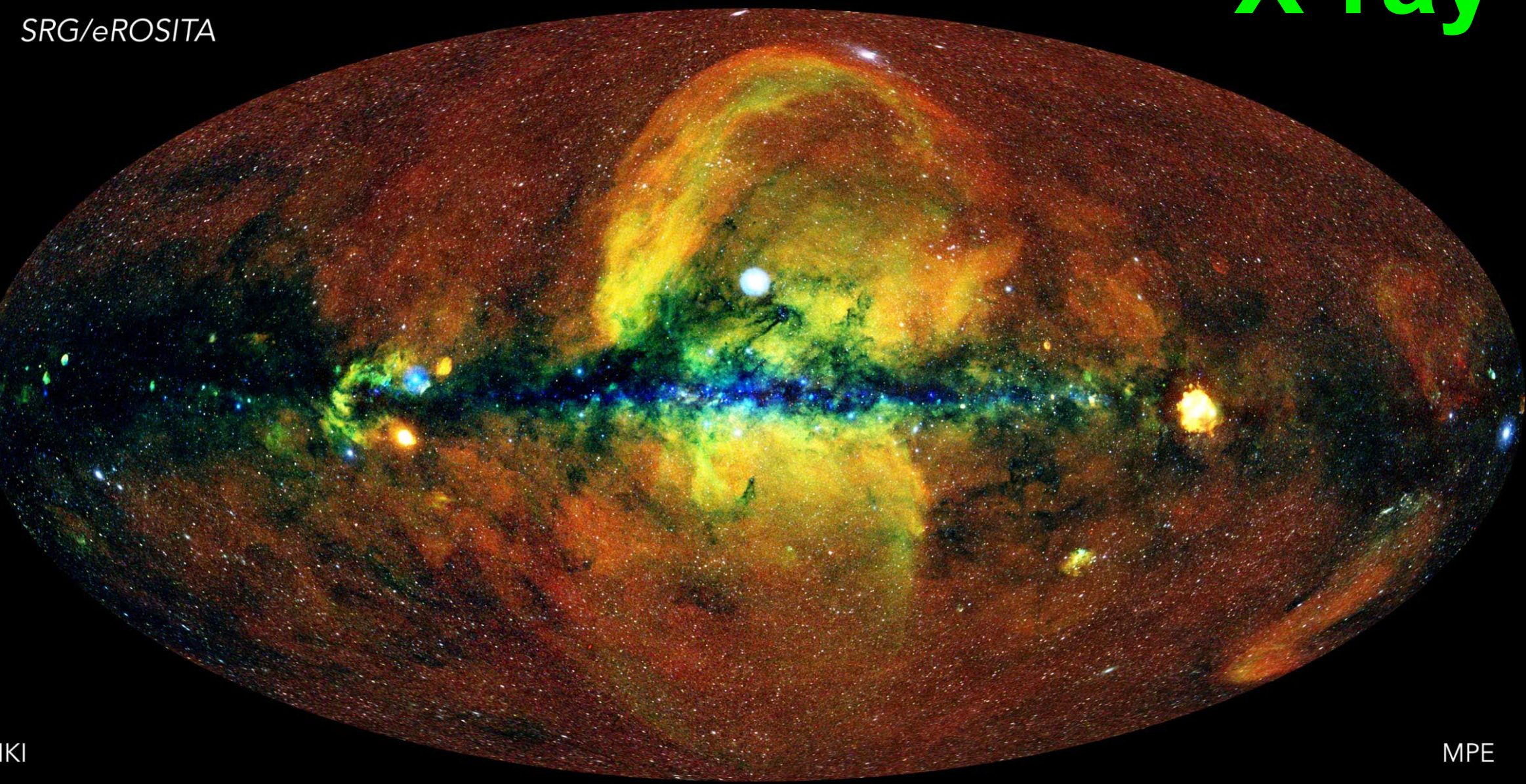
The wavelengths of visible light which human can see ranges from approximately 【 380 】 nanometers to 【 780 】 nanometers.

What is the difference between the universe seen in visible light and X-rays?

Visible light



X-ray



What astronomical objects can be seen in both visible light and X-rays?

What objects can only be seen with X-rays?

Write your answer in the following “ **【** ”.

【 Large Magellanic Cloud, etc. **】**

【 Scorpius X-1, etc. **】**

There are many objects other than these. Find more.