ultraviolet

**Acronym:** UV

Region of the electromagnetic spectrum extending from about 100 nm to 400 nm. This region is divided into four sub-bands as follows:

- Vacuum Ultraviolet (VUV): 100 nm–200 nm
- UV-C: 200 nm–280 nm
- UV-B: 280 nm–315 nm
- UV-A: 315 nm–400 nm.

**Note:**

The notation and the limits of the various regions are as recommended by the International Commission on Illumination (CIE), with the exception that in these recommendations the UV-C range is 100 nm–280 nm, including thus the vacuum UV range.

**Source:**

PAC, 2007, 79, 293 (Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)) on page 437