Cosmic Microwave Background (CMB) radiation left over heat from the "Big Bang"

$T = 2.728\, \text{K}$

$\lambda_{\text{max}} = \frac{2.90 \times 10^{-3}\, \text{m.K}}{2.728\, \text{K}}$

$\lambda_{\text{CMB}} = 1.06\, \text{mm}$ This is in the microwave (MW) region of the EM-spectrum

A Planck Blackbody radiation curve fit this curve. BB curves obey Wien's Law $\lambda_{\text{max}} T = 2.90 \times 10^{-3}\, \text{m.K}$ 

(eq. 38.30, p.1475) (fig. 38.31)