

$$\lambda = 2 \times 10^{-7} \text{ m}$$

$$W = 6,72 \times 10^{-19} \text{ J}$$

$$E_{\text{cmáx}} = \frac{hc}{\lambda} - W = 6,63 \times 10^{-34} \cdot \frac{3 \times 10^8}{2 \times 10^{-7}} - 6,72 \times 10^{-19}$$

$$E_{\text{cmáx}} = 3,23 \times 10^{-19} \text{ J}$$