

The graph of $y = \cos \theta$ has a valley from $\theta = \frac{\pi}{2}$ to $\theta = \frac{3\pi}{2}$. Therefore, the function has negative values in this interval. So it cannot have the value $\frac{\sqrt{2}}{2}$ at $\theta = \frac{3\pi}{4}$. Therefore, $\left(\frac{3\pi}{4}, \frac{\sqrt{2}}{2}\right)$ is not on the graph of $y = \cos \theta$.