

• (x_2, y_2, z_2)

• (x_1, y_1, z_1)

30cm

• $(0, 0, 0)$



The diagram shows a sphere on a light purple background. The sphere is light green with a thick black outline. A line segment connects the center of the sphere to the left edge, labeled '30cm'. The center is marked with a black dot and labeled '(0, 0, 0)'. Inside the sphere, there is another black dot labeled '(x1, y1, z1)'. Outside the sphere, in the top right corner, is a third black dot labeled '(x2, y2, z2)'.