

The canvas coordinate system

X AXIS IS HORIZONTAL, DIRECTED TO THE RIGHT
Y AXIS IS VERTICAL, DIRECTED DOWNWARDS

The coordinate system used for drawing in canvases is similar to the one used by many drawing APIs like Java2D: the $(0, 0)$ is in the top left corner while the X axis is going to the right and the Y axis to the bottom, like in the following picture (author Mark Pilgrim):

Canvas coordinates diagram ↷

