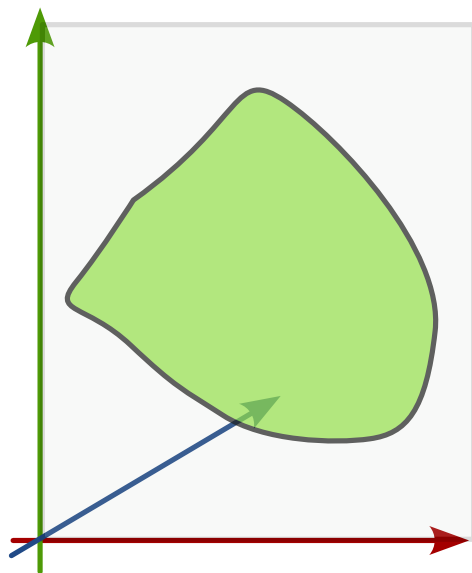## 1) Original image coordinates.
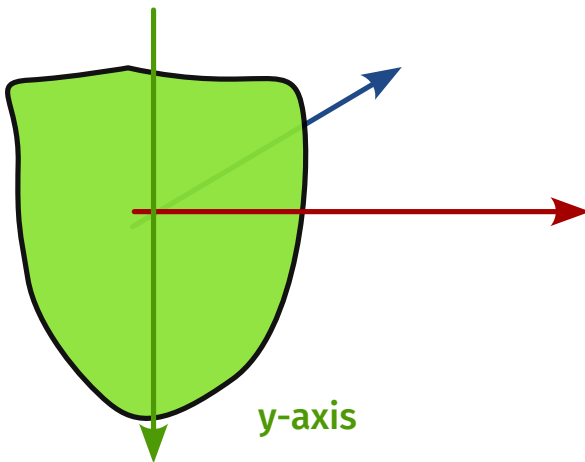
voxel = 0.1632 microns...

2) Embryo coordiantes used for mesh.

voxel = 1 microns...

$R_{\text{embryo}\rightarrow\text{img}}$

$R_{\text{img}\rightarrow\text{embryo}}$

y-axis

origin at centroid

y-axis aligns with proximal-distal axis

3) Rotated image coordinates.

voxel = 2 x 0.1632 microns...