



































Scaling (column-major form):
$$\begin{pmatrix}
(x^*S_x) \\
(y^*S_y) \\
(z^*S_2) \\
1
\end{pmatrix} = \begin{pmatrix}
S_x & 0 & 0 & 0 \\
0 & S_y & 0 & 0 \\
0 & 0 & S_z & 0 \\
0 & 0 & 0 & 1
\end{pmatrix} * \begin{pmatrix}
x \\
y \\
z \\
1
\end{pmatrix}$$







































