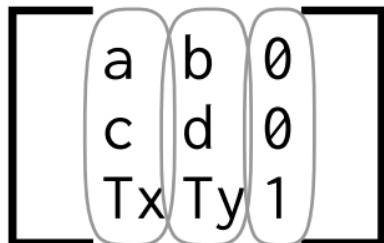


$$\begin{bmatrix} X \\ Y \\ 1 \end{bmatrix} \times \begin{bmatrix} 1 & 0 & Tx \\ 0 & 1 & Ty \\ 0 & 0 & 1 \end{bmatrix} = \begin{bmatrix} X' \\ Y' \\ 1 \end{bmatrix}$$

$$x' = 1 * x + 0 * y + tx$$

$$y' = 0 * x + 1 * y + ty$$

$$1 = 0 * x + 0 * y + 1 * 1$$



CGAffineTransform