



$$A = \text{Img}[\text{int}(y), \text{int}(x)]$$

$$a = x - \text{int}(x)$$

$$B = \text{Img}[\text{int}(y)+1, \text{int}(x)+1]$$

$$b = y - \text{int}(y)$$

$$C = \text{Img}[\text{int}(y), \text{int}(x)+1]$$

$$D = \text{Img}[\text{int}(y)+1, \text{int}(x)]$$