







Output: appleBlur.png

1/9

1/9

1/9

1/9

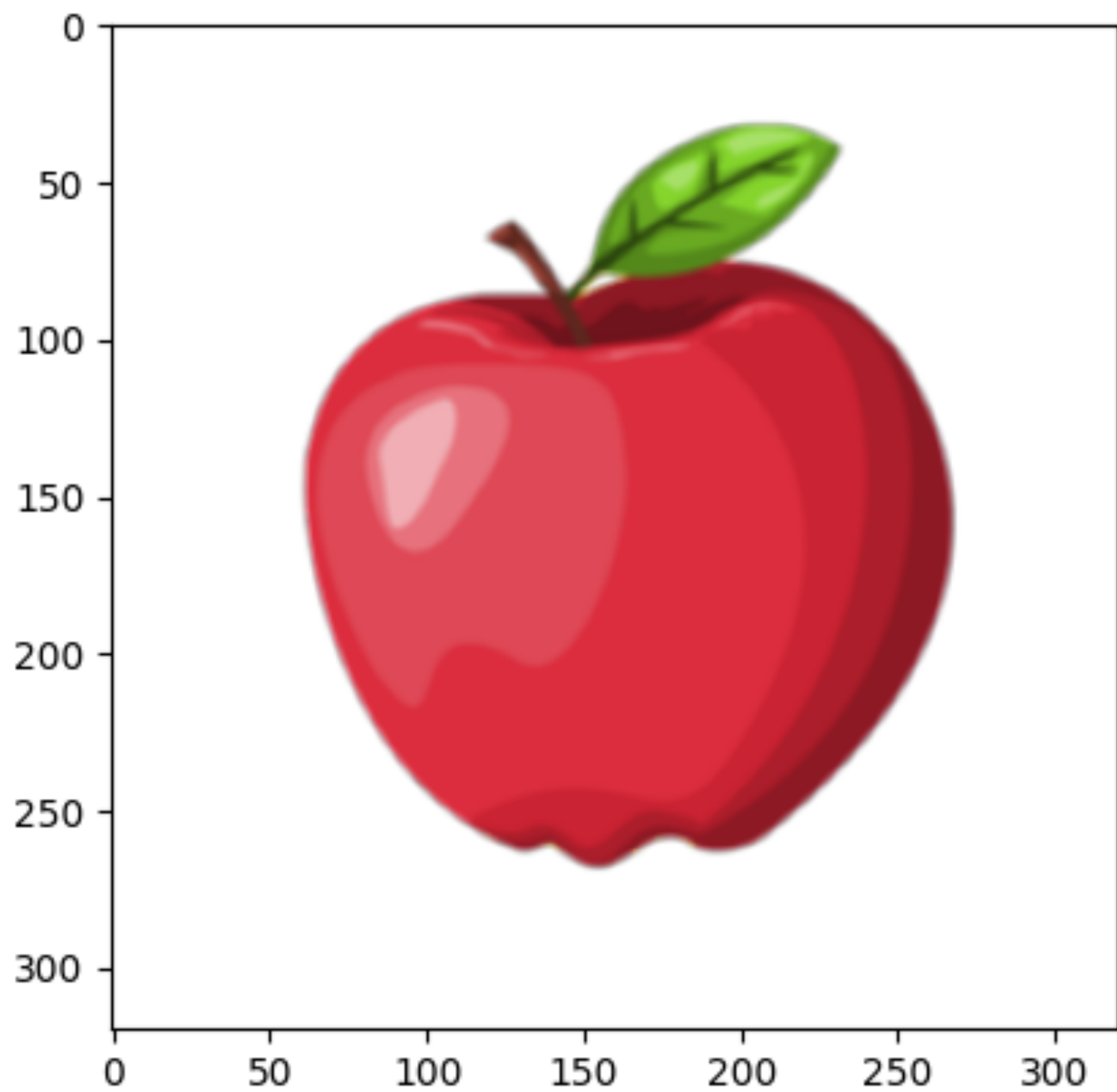
1/9

1/9

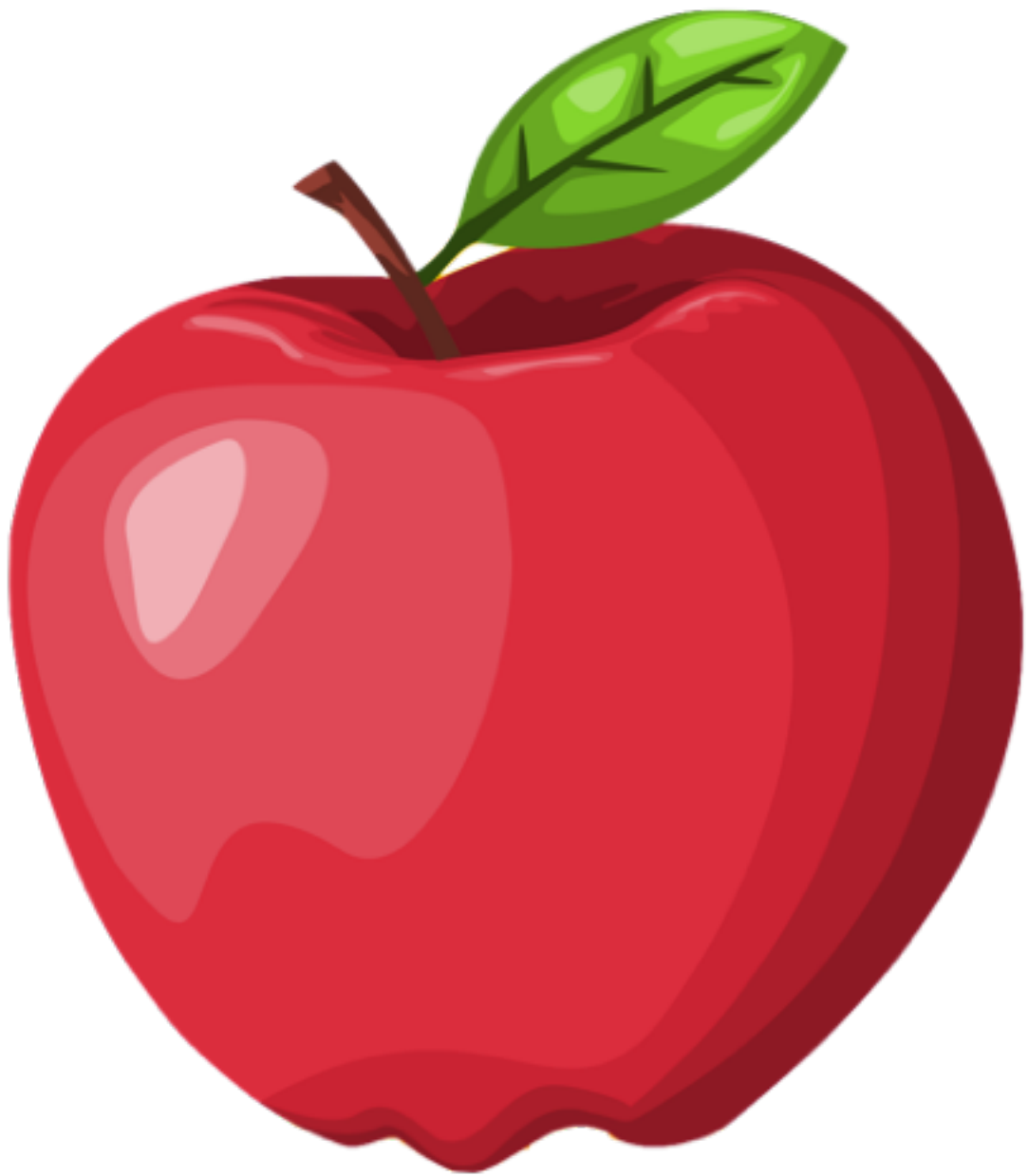
1/9

1/9

1/9







Input: apple.png

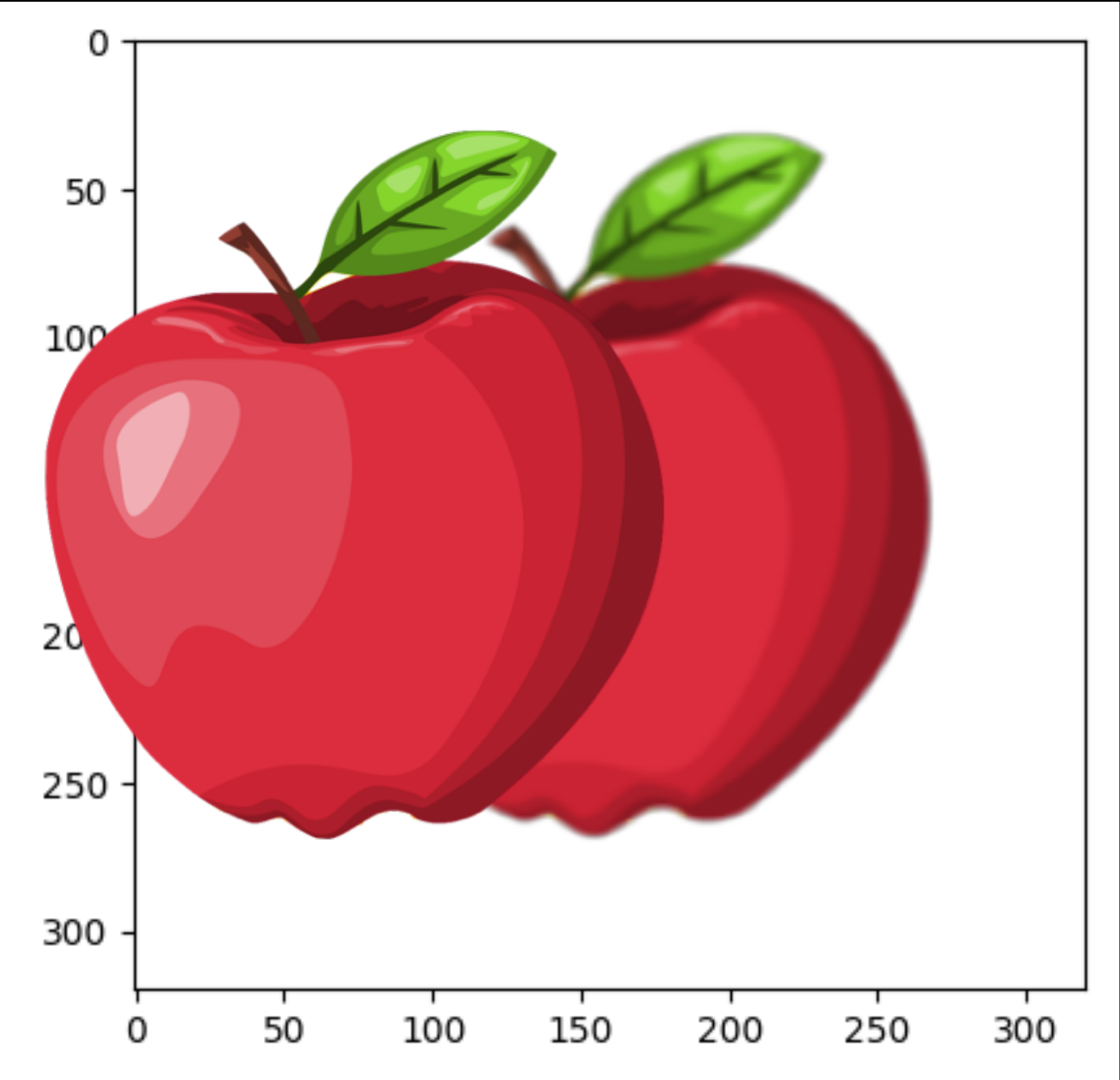
Output: appleBlur.png

Kernel

$*$

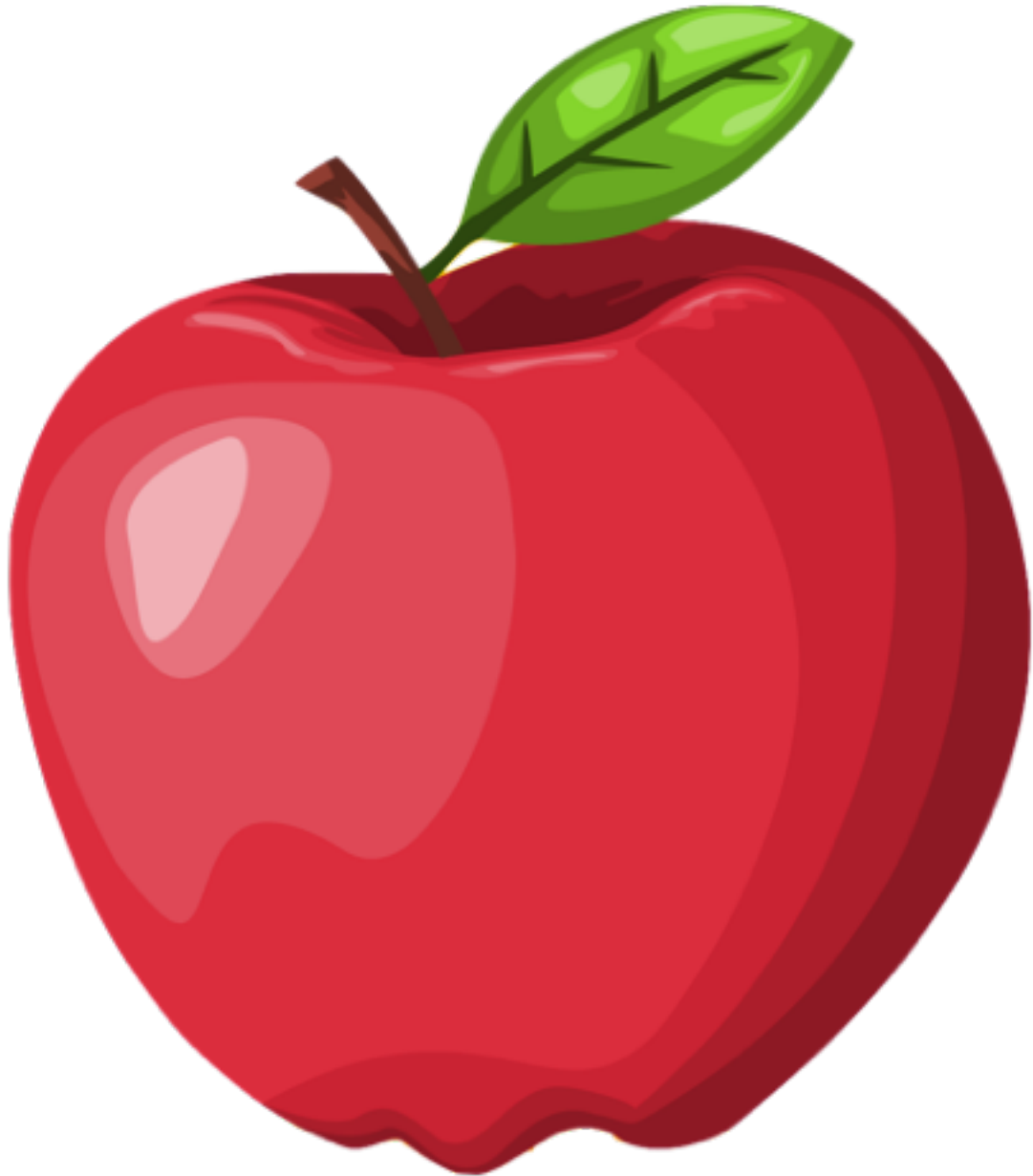
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$

$=$



Fonte: <https://github.com/jbrun0r/PDI/blob/main/kernels.ipynb>

Input: apple.png



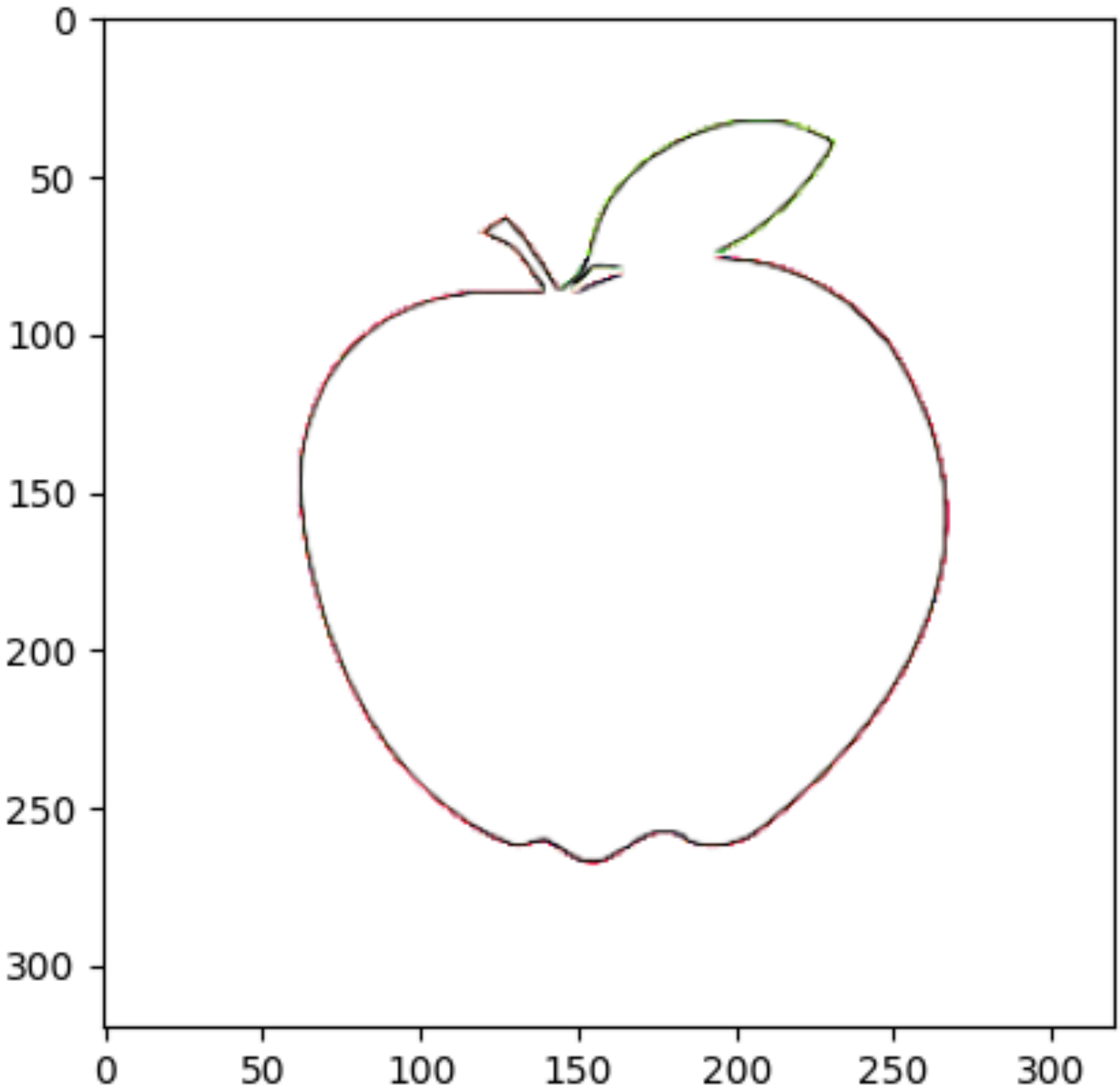
*

Kernel

-1	-1	-1
-1	8	-1
-1	-1	-1

=

Output: appleEdge.png



Fonte: <https://github.com/jbrun0r/PDI/blob/main/kernels.ipynb>