

$x-1, y-1$	$x-1, y$	$x-1, y+1$
$x, y-1$	$x, y$	$x, y+1$
$x+1, y-1$	$x+1, y$	$x+1, y+1$

Numbers must be inverted in the convolution matrix.

0	2	0
99	3	-17
0	2	0