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Q1a: Torch image conversion (RGB Float Tensor)  
torch.Size([321, 433, 3]) torch.float32
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Q1b: Brightened image stats  
Min: 123.0 Max: 351.0
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Q1c: Saturation arithmetic
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Q2: Noisy image normalized to [0,1]
Range: 0.0 to 1.0



Q3a: Self-normalized image mean/std per channel
Mean: tensor([-1.0965e-16, -1.4047e-16, -1.1202e-17], dtype=torch.float64)
Std: tensor([1.0000, 1.0000, 1.0000], dtype=torch.float64)

Q3b: ImageNet normalization sample pixels
tensor([0.3309, 0.3627, 0.5659], dtype=torch.float64)

Q4: Rearranged dimension (N,C,H,W)
torch.Size([1, 3, 321, 433])

Q5: Stride convolution output shape
torch.Size([305, 457])

