

New York Heritage (NYHeritage.org)
Image Resolution Guidelines: Minimum Scanning Recommendations

The resolutions listed here are the MINIMUM recommended for participation in New York Heritage Digital Collections (NYH). Standards apply to in-house scanning jobs and vendor imaging specifications. These guidelines are only for derivative images. NYH considers DPI (dots per inch) and PPI (pixels per inch) to be interchangeable for the purposes of these recommendations.

PHOTOGRAPHS, 35 MM NEGATIVES & SLIDE FILM

	Master	Access*	Thumbnail**
File Format	TIFF or JPG2000	JPEG	JPEG or GIF
Bit Depth	8 bit grayscale 24 bit color	8 bit grayscale 24 bit color	8 bit grayscale 24 bit color
Spatial/Image Resolution	400 - 800 ppi 3000 - 5000 pixels across the long dimension	150-300 ppi	96-144 dpi
Spatial/Print Dimensions	4000 - 8000 pixels across the long dimension, depending on size of original, excluding mounts and borders 100% of original	600-800 pixels across the long dimension	160 x 120 pixels (CONTENTdm specification)

TEXT

	Master	Access	Thumbnail
File Format	TIFF or JPG2000	JPEG	JPEG or GIF
Bit Depth	1 bit bitonal 8 bit grayscale 24 bit color	1 bit bitonal 8 bit grayscale 24 bit color	1 bit bitonal 8 bit grayscale 8 bit indexed color (GIF) 24 bit color
Spatial/Image Resolution	300—600 dpi 6,000 pixels across the long dimension for 1 bit files 4,000 pixels across the long dimension for 8 to 16 bit files	150-300 dpi	96-144 dpi
Spatial/Print Dimensions	4000 - 6000 pixels across the long dimension 100% of original	600-800 pixels across the long dimension	160 x 120 pixels (CONTENTdm specification)

MAPS & HANDWRITTEN MATERIALS

	Master	Access	Thumbnail
File Format	TIFF or JPG2000	JPEG	JPEG or GIF
Bit Depth	8 bit grayscale 24 bit color	8 bit grayscale 24 bit color	8 bit grayscale 24 bit color
Spatial/Image Resolution	200-600 ppi 3000-5000 pixels across the long dimension	150-300 ppi	96-144 dpi
Spatial/Print Dimensions	6000 -8000 pixels across the long dimension 100% of original	600-1078 pixels across the long dimension	160 x 120 pixels (CONTENTdm specification)

ARTWORK & GRAPHIC MATERIALS

	Master	Access*	Thumbnail**
File Format	TIFF or JPG2000	JPEG	JPEG or GIF
Bit Depth	8 bit grayscale 24 bit color	8 bit grayscale 24 bit color	8 bit grayscale 24 bit color
Spatial/Image Resolution	600 - 800 ppi 3000 pixels across the long dimension	150 -300 ppi	96-144 ppi
Spatial/Print Dimensions	6000 - 8000 pixels across the long dimension, excluding mounts and borders 100% of original	600-800 pixels across the long dimension	160 x 120 pixels (CONTENTdm specification)