LaToya McIntyre

CS 276

HW 2

Processing can load:

* .gif
* .jpg
* .tga
* .png

Processing can save:

* TIFF (.tif)
* TARGA (.tga) (obsolete)
* JPEG (.jpg)
* PNG (.png)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | GIF | JPEG | TGA | PNG | TIFF |
| Full Name | Graphic Interchange Format | Joint Photographic Experts Group | Targa | Portable  Network  Graphic | Tagged Image File Format |
| Is the format **lossy** or **lossless**?  If lossy, what information is lost in the compression process? | **Lossless** | **lossy**  File size is reduced  Visual quality is reduced | **Lossless** | **Lossless** | **Both. Lossy and Lossless** (black and white images) |
| How many colors can be displayed using this format?  (you may have to infer this) | 256 colors  Best for a few colors | 16 million colors | 16 mil+ | 16 mil+ | 16 million+ |
| Does the format support **transparency**? | YES | YES | YES | YES | YES |
| What is the supported **bit depth** (or **color depth**)? | 8-bit | 24-bit color  8-bits for grayscale | 24-bits  (32-bit with 8-bits of alpha) | 24-bit  48-bit | 48-bit  24-bit |