

Digital Photo Editing

MHGS Class July 11, 2017

Modifying digital photos for better quality and surprising “finds”

ALWAYS “save as” **immediately** and modify the name: add numbers, alphabet, “mod”, “edit” etc to the name.

Photo taking and editing: <http://quakerwiz.us/ped101.html>
<http://quakerwiz.us/mhgs/tweakphotos.html> headstone, red eye, etc

Basic photo editing skills include:

- Size, Crop
- Adjust color and contrast
- Fix Scratches, Dust, blemishes

Gimp

GNU Image Manipulation Program 2.8.22

<https://www.gimp.org/>

Freeware on the web. Tutorials are on their web site and on YouTube.

Manual: <https://docs.gimp.org/2.8/en/>

Size, Crop

REMOVE YELLOW

Begin with – Color-Auto-White Balance

If Auto Balance does not work, use manual technique.

Color Cast

In Layers: click Duplicate Layer (double screen icon at bottom of Layers dialog box)

Select copied layer. Double click to rename – Maybe *Color Cast*.

<http://smallbusiness.chron.com/remove-yellow-tint-gimp-79754.html>

moving yellow toward blue, green toward magenta and decreasing the color saturation

GIMP:

Filter-Blur-Pixelize

Set size for Pixelize and enter

Get a total color screen

Color –Invert turns to opposing color

Color Balance

Try Auto Balance first.

Use Hue-Saturation, Color Balance, Levels, Histogram to make adjustments

Fix Scratches, Dust, blemishes

Fix with Clone is easiest way

Many software have clickable defective fix like “Spot Fix” in Microsoft Window 10 *Photos*


HEAL (band aids crossed)

3.12. Heal <https://docs.gimp.org/2.8/en/gimp-tool-heal.html>

To use it, first choose a brush with a size adapted to the defect. Then **Ctrl**-click on the area you want to reproduce. Release the **Ctrl** key and drag the sample to the defect. Click. If the defect is slight, not very different from its surrounding, it will be corrected as soon. Else, you can correct it with repeated clicks, but with a risk of daubing.

3.12.1. Activating the Tool

There are different possibilities to activate the tool:

- From the image-menu: Tools → Paint tools → Heal,
- or by clicking the tool icon:  in the Toolbox,
- or by clicking on the **H** keyboard shortcut.

Resynthesizer Get the Resynthesizer plugin for WINDOWS here:

<http://registry.gimp.org/files/Resynt...>

Follow READ ME.txt for installation. (Call for help)

GOOD installation tutorial: <http://templatetoaster.com/tutorials/gimp-resynthesizer-plugin/>

Install and reboot Gimp – Filters-May-Resynthesizer

CLONE

Clone tool in TOOL BOX

Be sure the “travel” that the brush will go has the correct image under the selection tool. If the selection tool drifts into another shading, it will transfer onto your work.

HISTOGRAM