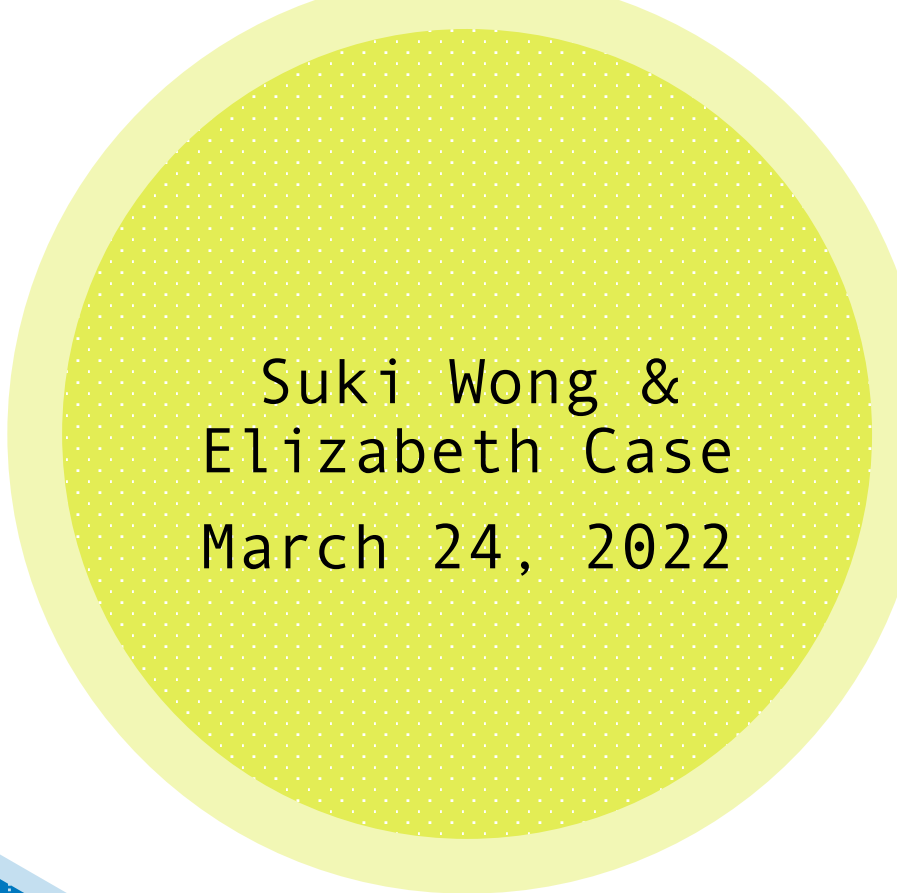


A pink cloud with a white dotted pattern and a thick pink outline. Below the cloud, numerous blue raindrops with white dotted patterns are falling.

# Zines!

A blue zine cover with a white dotted pattern and a light blue border. The title is written in white, slanted text.

Climate Impacts  
on Humans in  
New York City

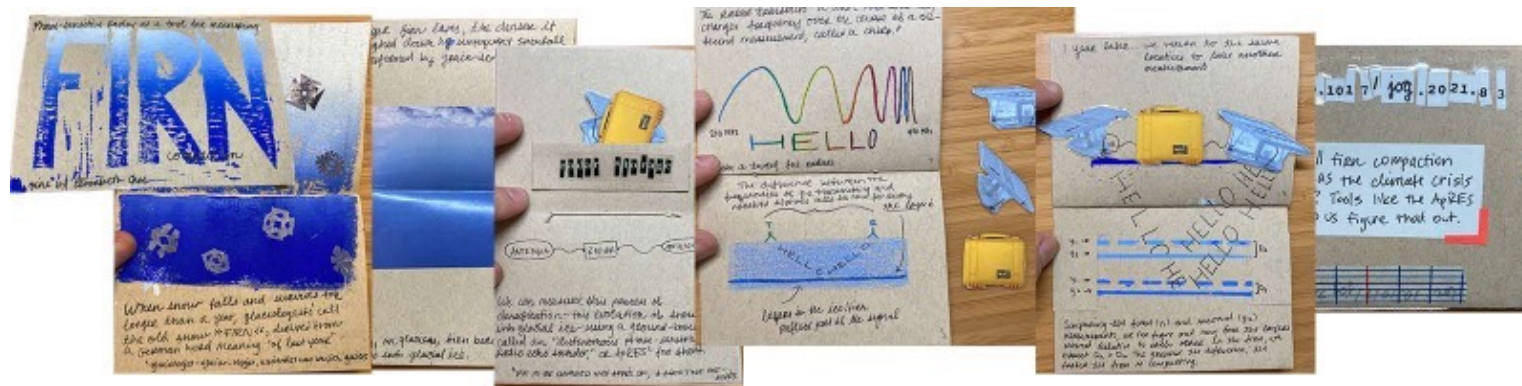
A large yellow circle with a white dotted pattern and a thick yellow outline.

Suki Wong &  
Elizabeth Case  
March 24, 2022

Generously funded by:  
 COLUMBIA UNIVERSITY  
Center for Science and Society

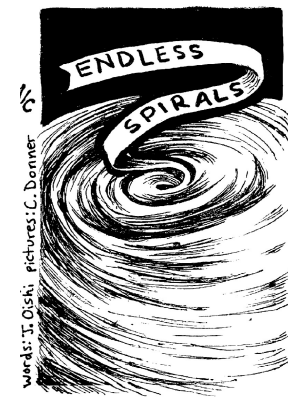
# What is a zine?

- Short for “magazine”
- Independently produced
- Able to be mass produced (often on laser printers or other mass printing method)
- Short, often on 1-4 piece(s) of paper, ~8-30 pages



# Why zines?

- Concise, visual or textual mediums
- Personal experiences, emotions, interactions
- Short format encourages
  - distillation of knowledge
  - a more personal relationship to your research
- They look really cool; a tangible sign of your hard work; create something to give to your friends, family, frenemies, strangers
  - If you agree to it, these zines can be archived at the Barnard Zine Library, and either with Printed Matter or the 8 Ball Zine Archive



# Funding for printing!

- We have ~\$1500 from the Center for Science and Society to make your work a reality!
- Printing with Secret Riso\* Club, analog materials, or laser printer

*\*we'll chat about what this is in one minute*

# What's the catch?

- Part of your grade for this course
- Timeline is really tight\*\*

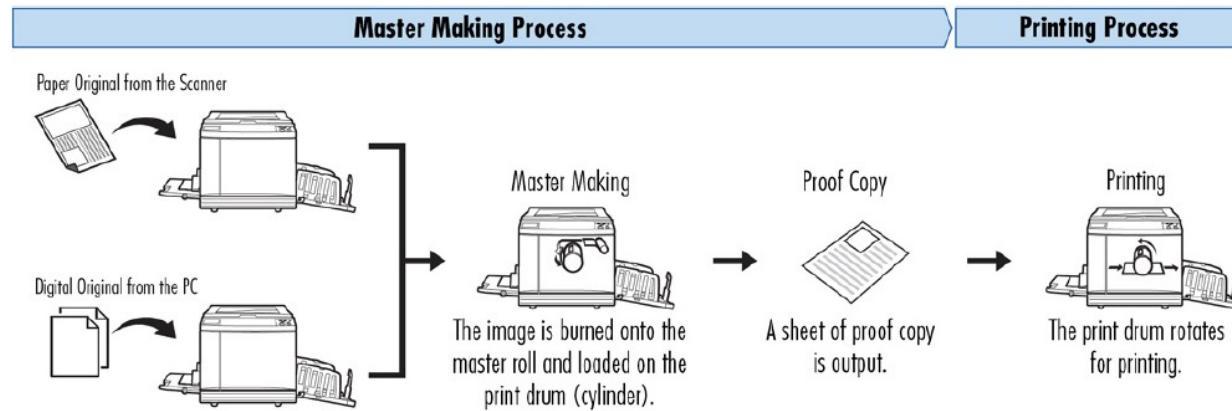
Zines are due for risograph\*  
printing at midnight on  
April 19\*\*

*\*we'll chat about what this is in one minute*

*\*\* if you want your zine in time to present to the class - otherwise we'll mail them to you*

# Risograph Printing

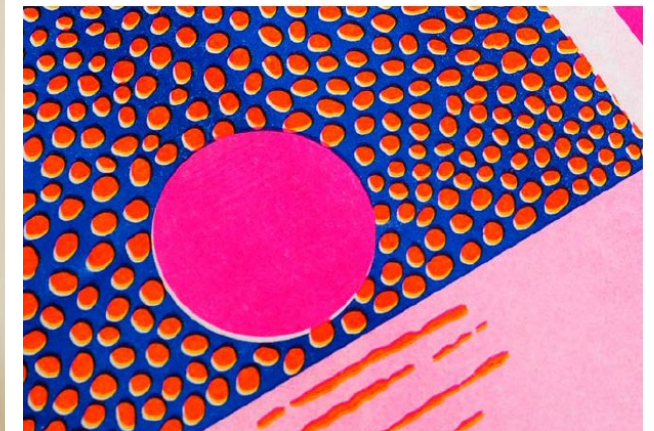
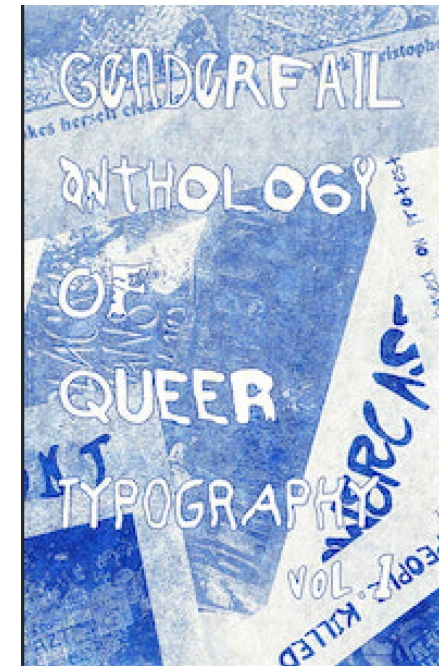
## How does it work?



An image is sent either digitally from the attached PC, or from a physical original via the scanner bed. The master is created by burning the image onto the master roll inside the printer. This stencil is then wrapped around the ink drum.

The machine feeds paper under the ink drum as it rotates and ink is pushed out through the stencil to create an impression.

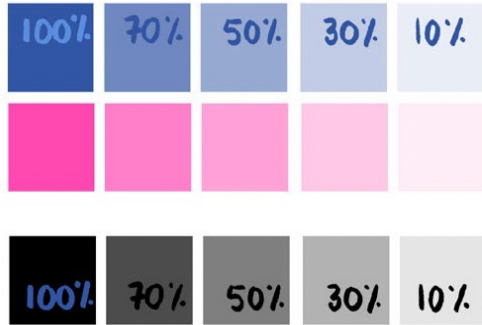
*Riso Print Guide, University of Illinois Champagne-Urbana*



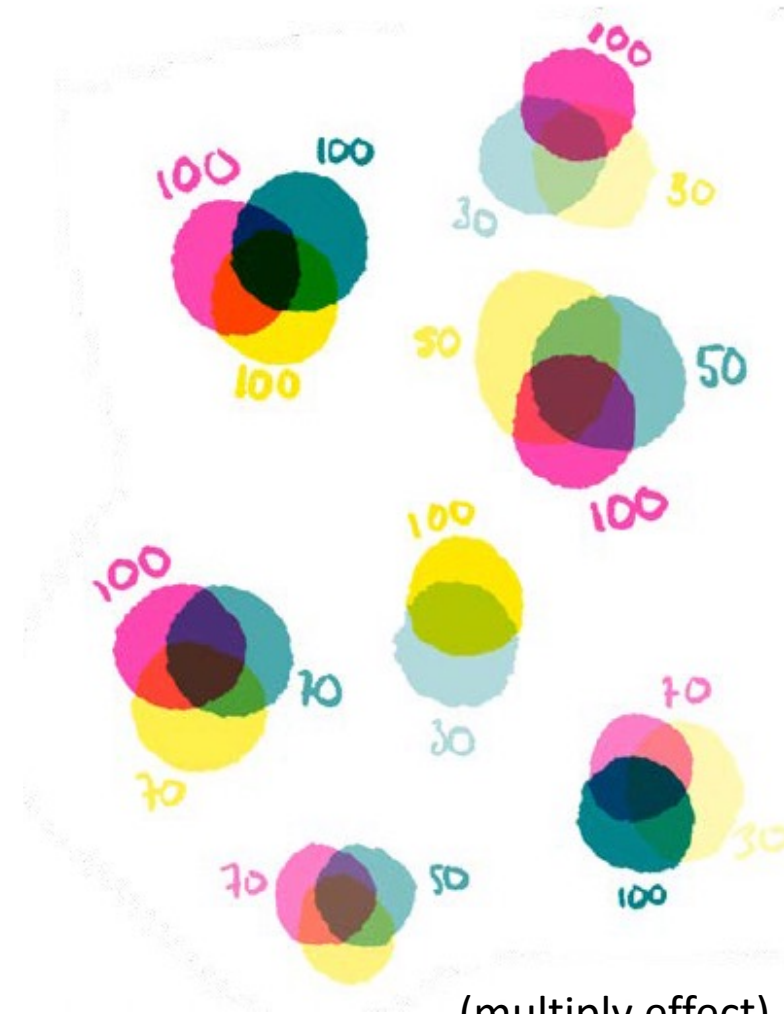
From top left, clockwise: Genderfail Press, Outlet PDX, Black Lodge Press, RisoPop Studios



# Color value



All layers together



(multiply effect)

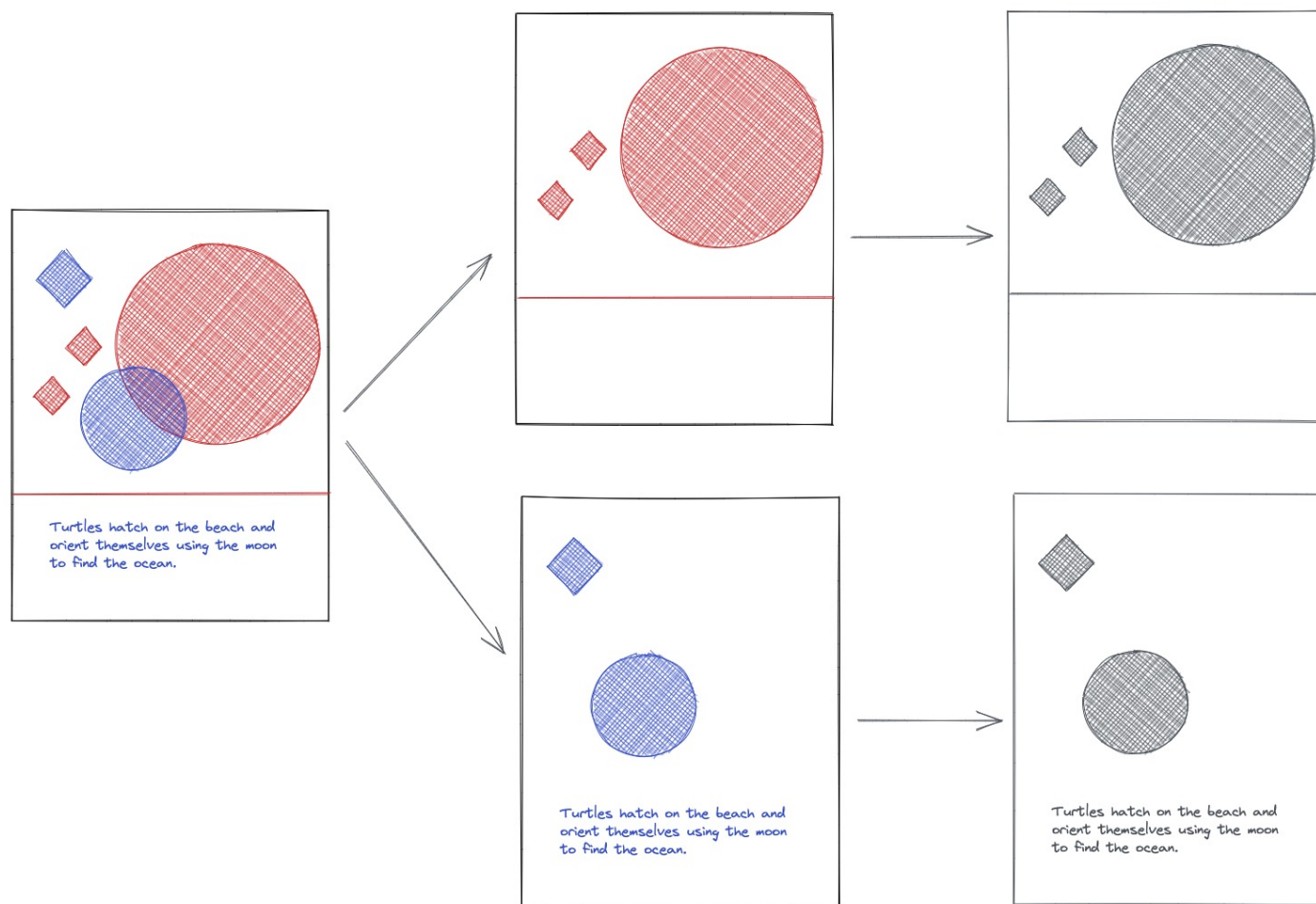
# Color options & separations



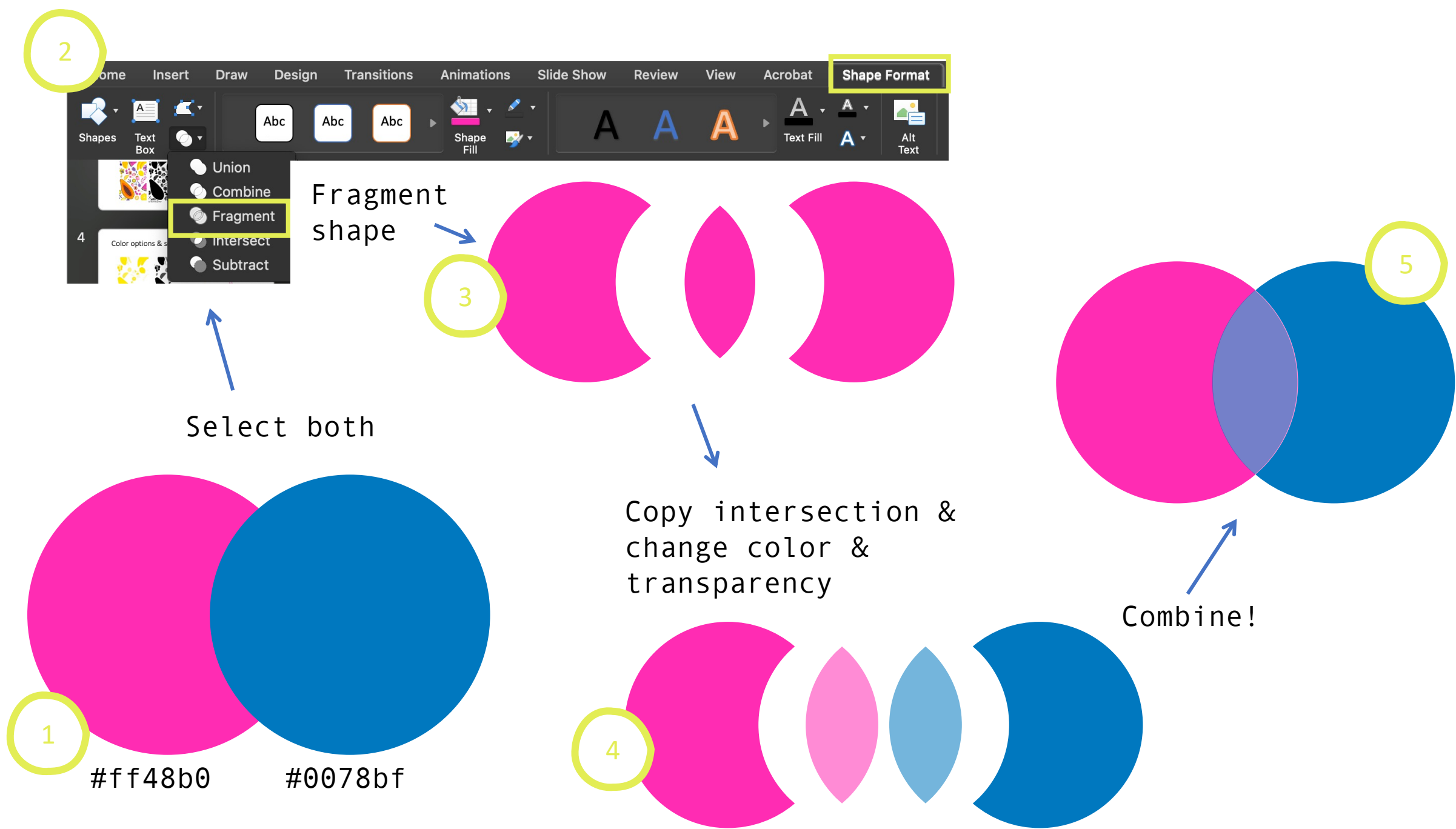


# What this means for you

Two-color Digital Zine Process



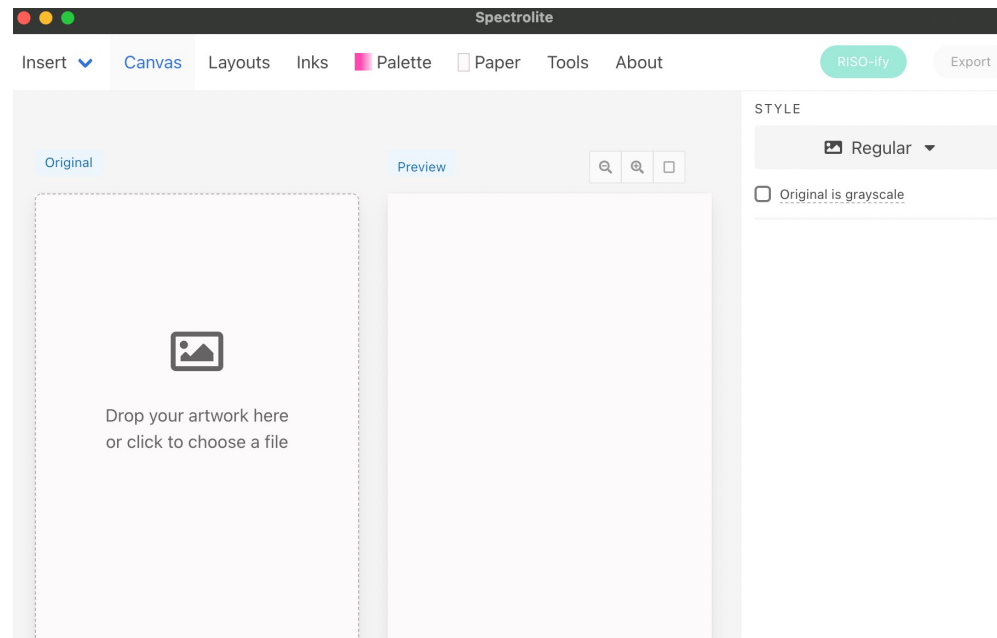
Powerpoint



From Powerpoint → test in Spectrolite

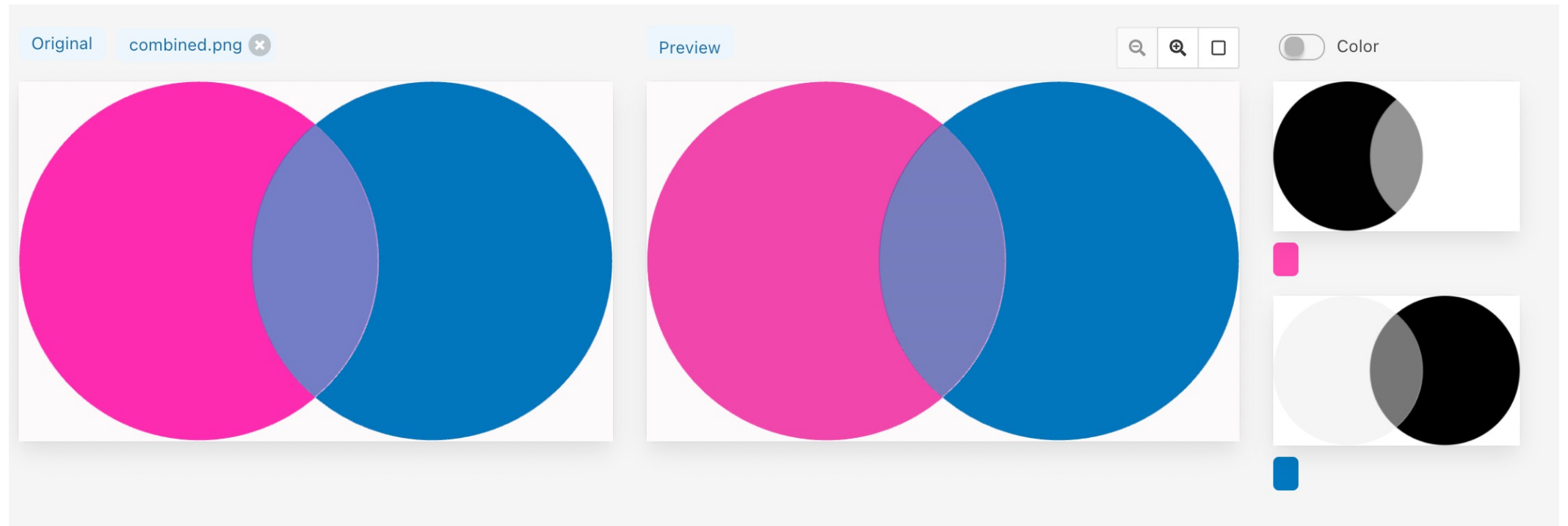
# Spectrolite (only mac 😞)

Free app that makes it easy to split/view images into riso ink colors



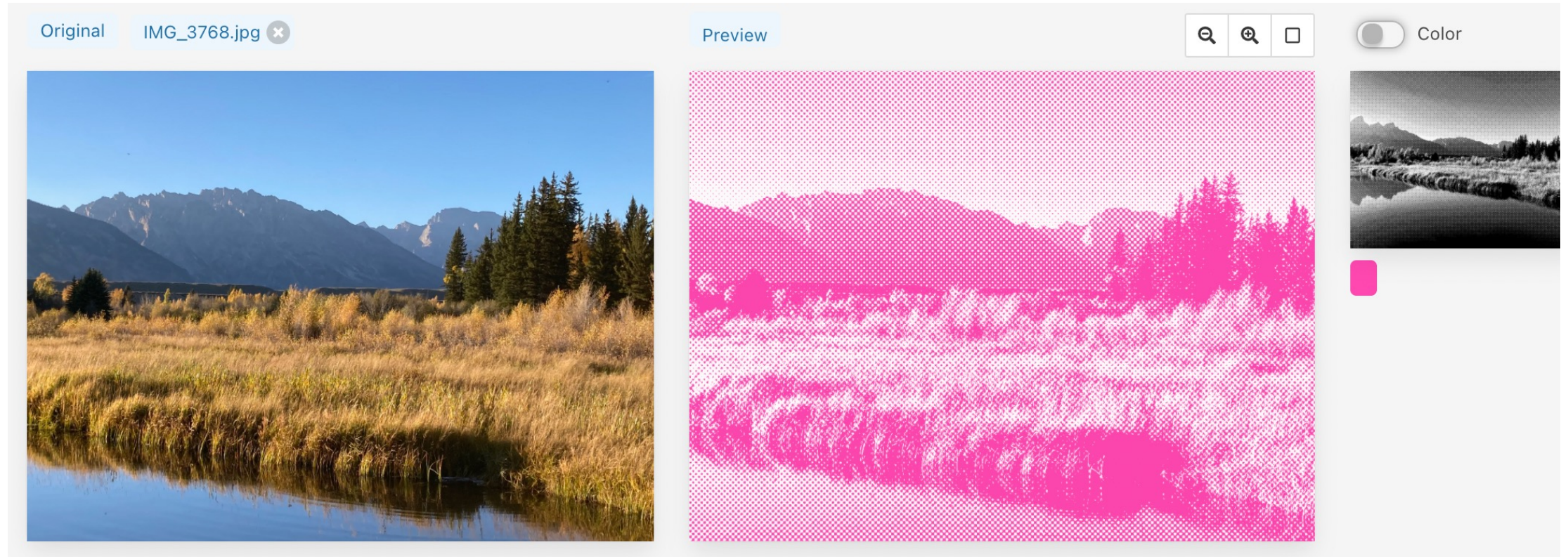
Download at <https://spectrolite.app/>

From Powerpoint → test in Spectrolite



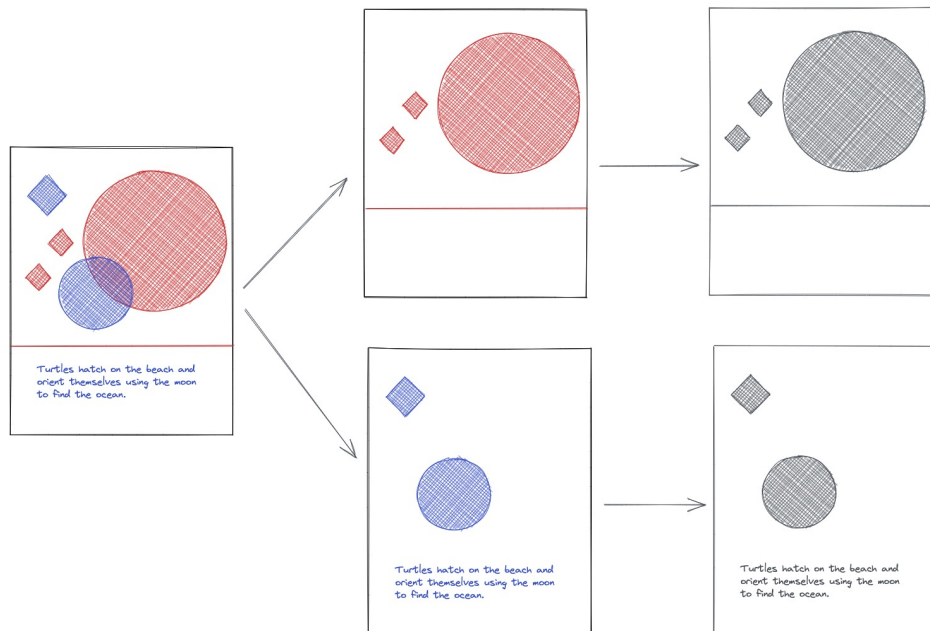


In Powerpoint → test in Spectrolite



# On Paper

Manually remake zine with  
different grayscale values  
represent different colors



Digitally separate using  
[Spectrolite](#)

- Import .iso file
- Create palette
- Scan & import PDF
- Riso-fy!
- Export

# In Photoshop

- See `risohandout_full.pdf` on github from the RisoPop printshop

# Other ways to make zines

- Scan in a page you drew! Print it a bunch of times! Fold it!
- Print a digital file from a normal laser printer!
- Make a flipbook online!



The modern world has been built and run on the "fossil fuels" of **COAL** and **OIL**. Energetic, yes, but also very polluting & not sustainable:



*It is believed that humans have now used up 50% of the reachable coal & oil in existence.*

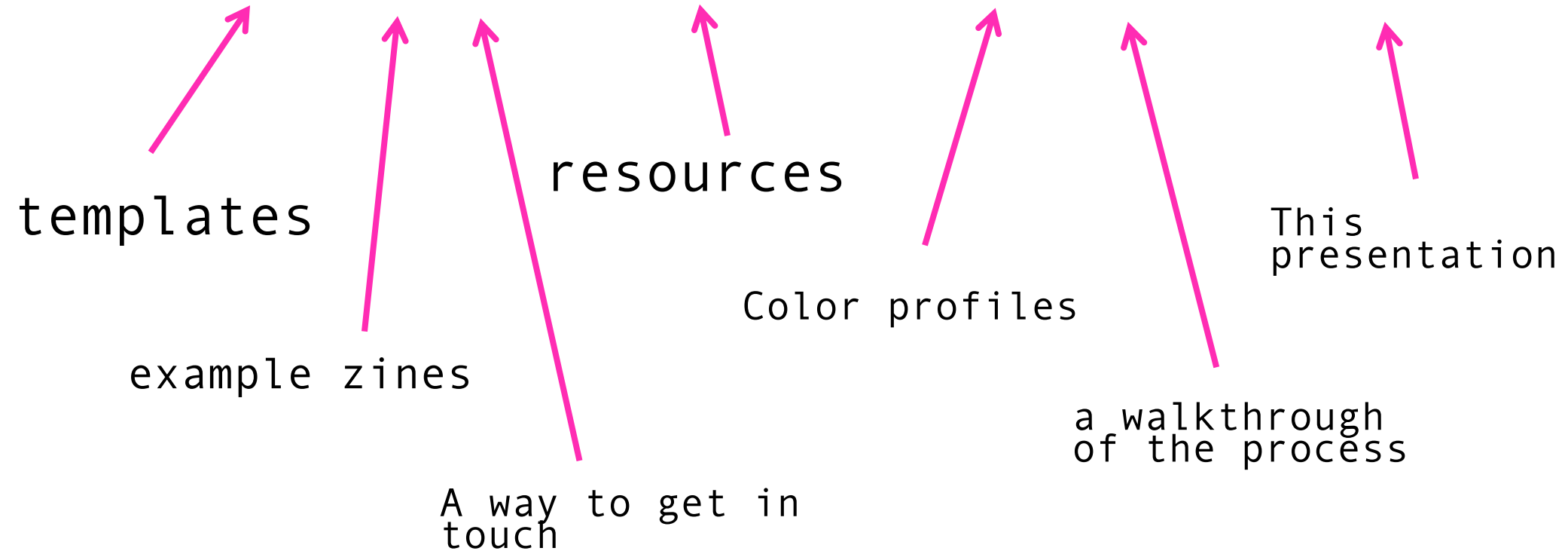
These substances formed from the remains of plants & animals that lived long, long ago...



**What took the earth 300 million years to create we've burned up in a mere 200 years!**

# Github

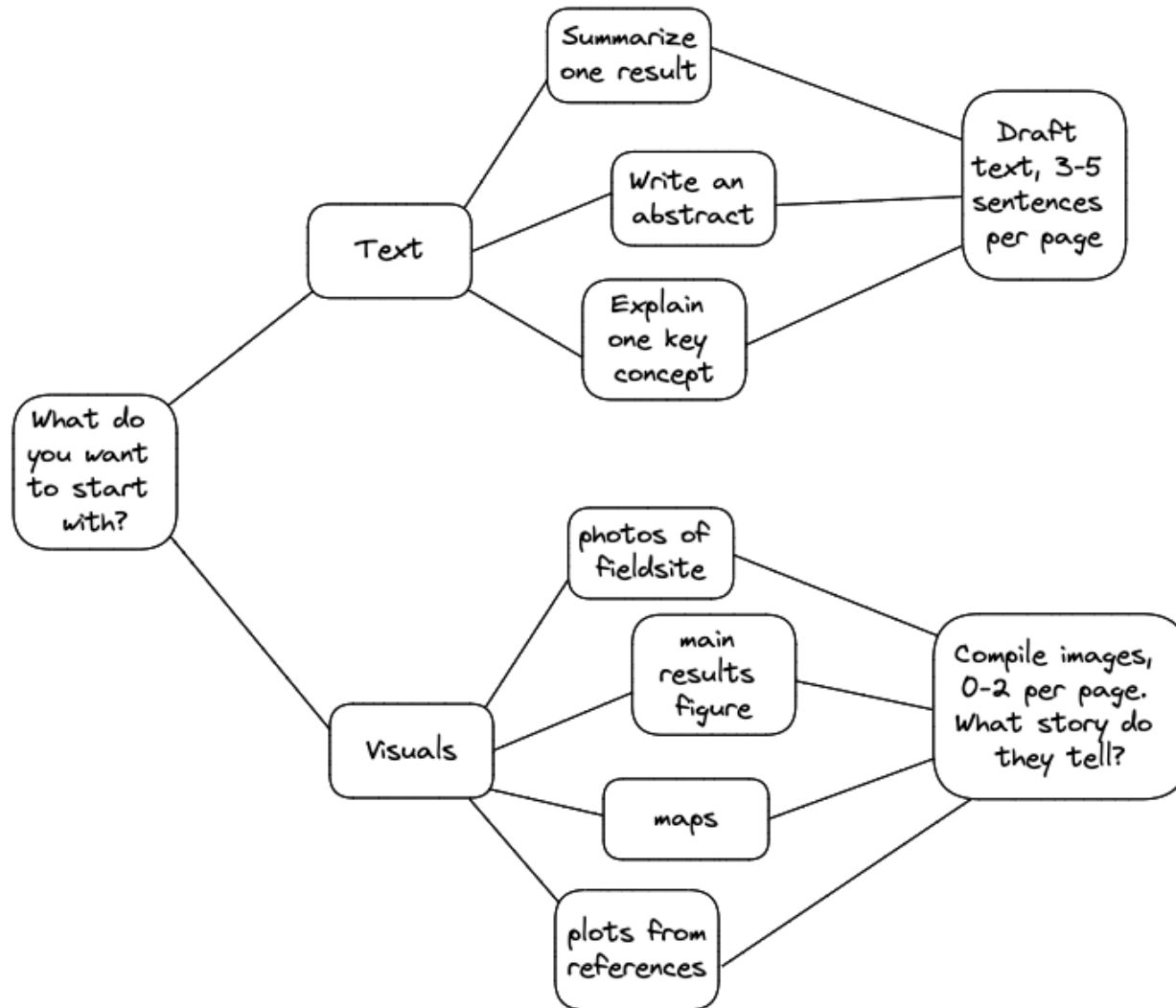
<https://github.com/Elizabethcase/nycclimatezine>





G i t h u b

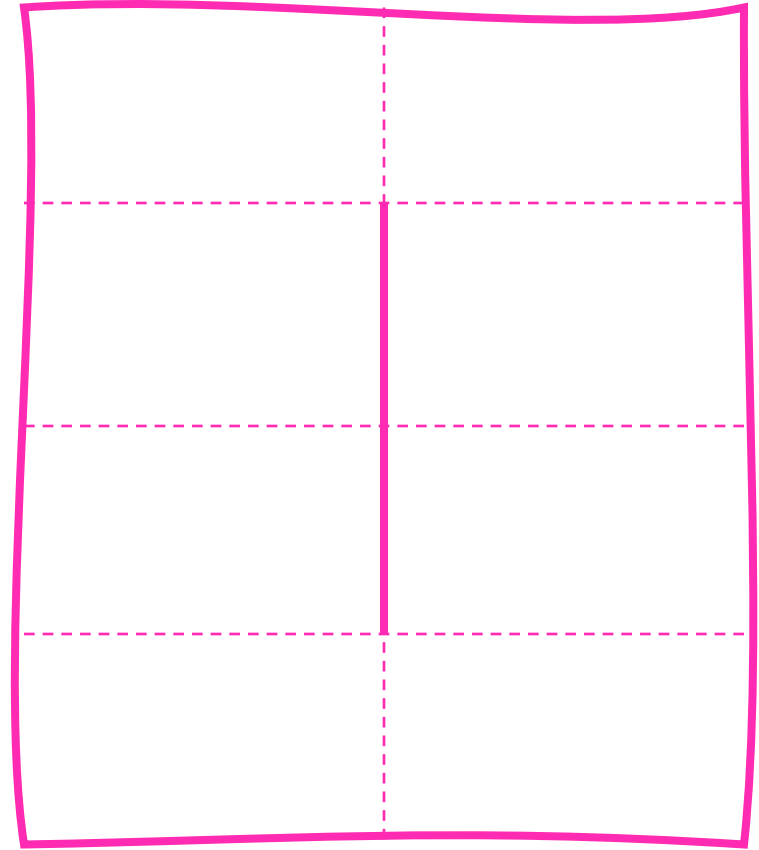
# OK but how do I even start



Other ideas:

- Footnotes
- Images of field sites
- Schematics
- Emotional experience of researching climate change
- Define a term
- Create a glossary
- Imagine a future
- Highlight one result
- Recontextualize figures
- Translating research into home languages

# Now for the fun bit



1-page zine

