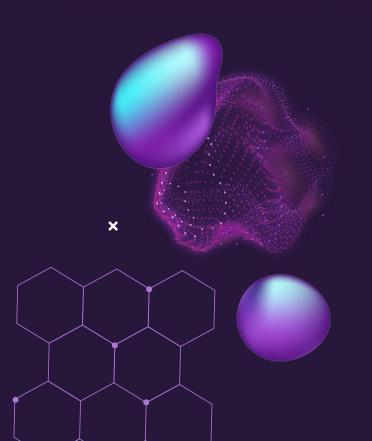
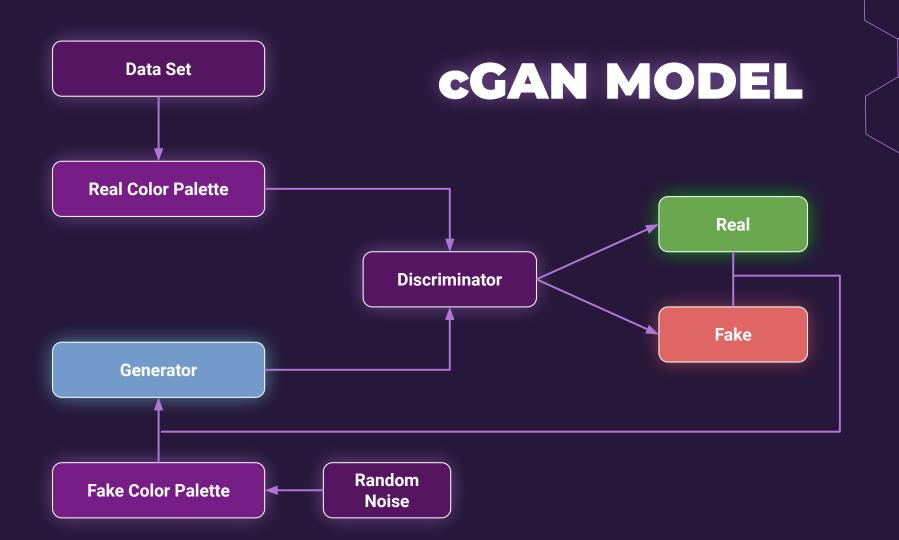


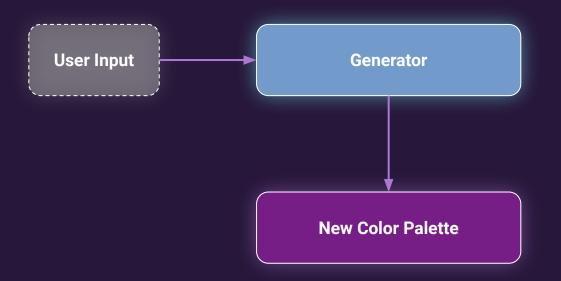
TRAINING LOOP

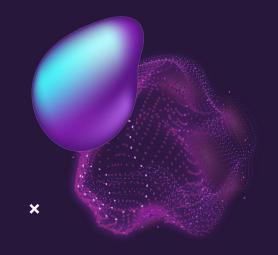






cGAN MODEL - FINAL STEP





LOAD DATA INTO MODEL



X

NAMES (2D array)

[
 ['midnight'],
['bright', 'sunshine'],
['shades', 'of', 'red'],
['pink', 'quartz']



×

COLOR PALETTES

(3D array)

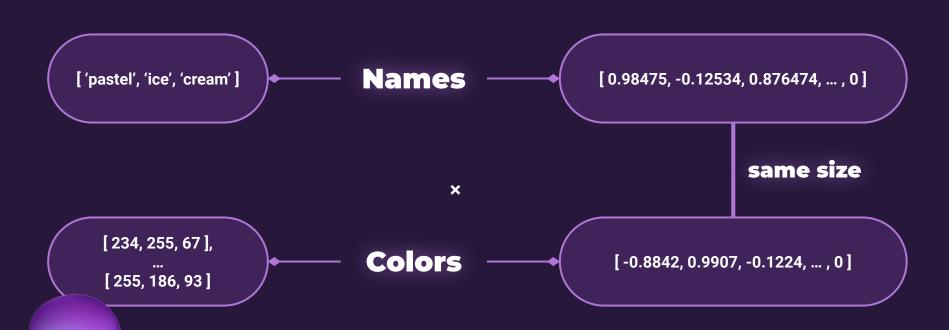
```
[
[(R, G, B), ..., (R, G, B)],
[(R, G, B), ..., (R, G, B)],
[(R, G, B), ..., (R, G, B)],
[(R, G, B), ..., (R, G, B)]
```

USE OF PYTORCH

×

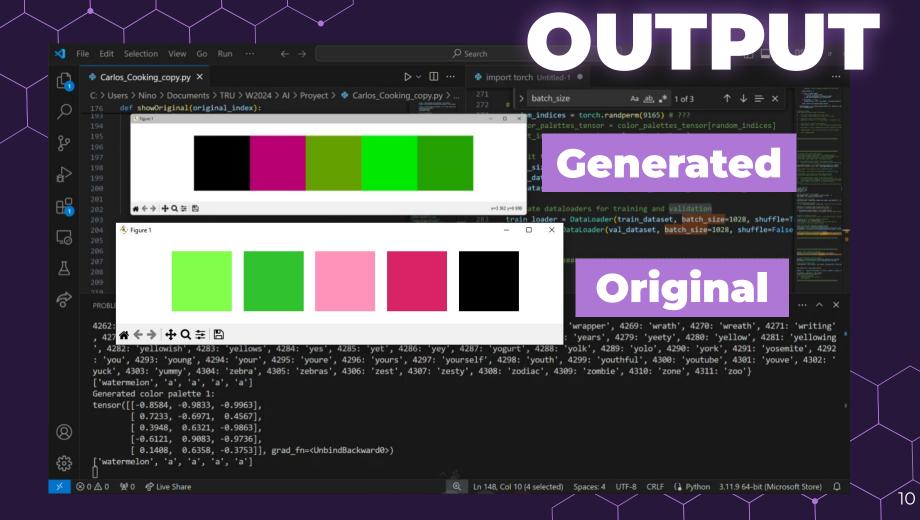


PREPROCESSING



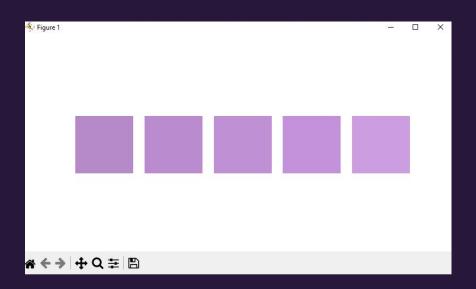
PARAMETERS

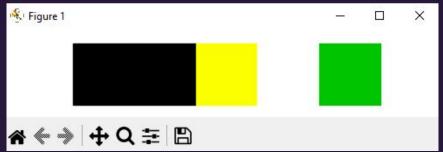
DATA SET	9165 lists of prompts + color palettes
NO. OF EPOCHS	10 - 500
BATCH SIZE	32 - 9165
LEARNING RATE	0.0001 - 0.002
LATENT_DIM	Dimension of latent noise vector - 100
TEXT_DIM	Dimension of text inputs - 11



SWEET LAVENDER







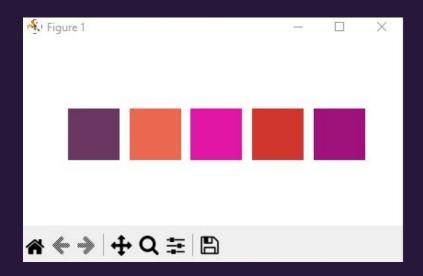
Original

Generated



SPRING TEAM







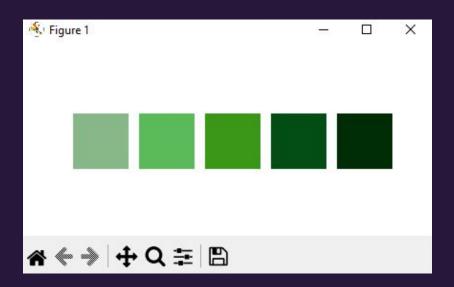
Original

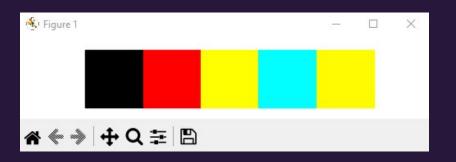
Generated



FOREST







Generated

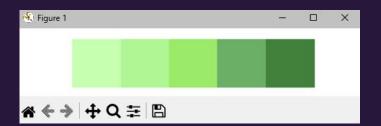
Original



GREEN



×



Original

×



Generated

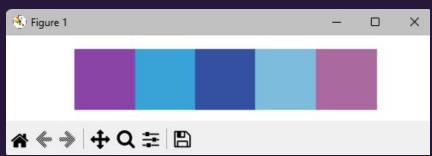


×

SCREAMING INTO THE VOID







Original

Generated

×



THANK YOU



