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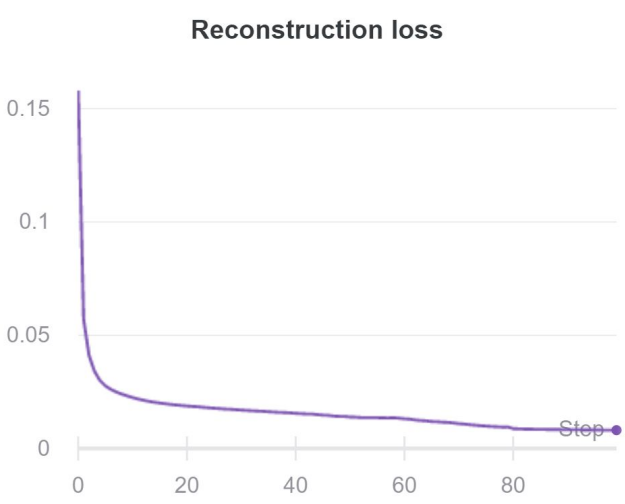
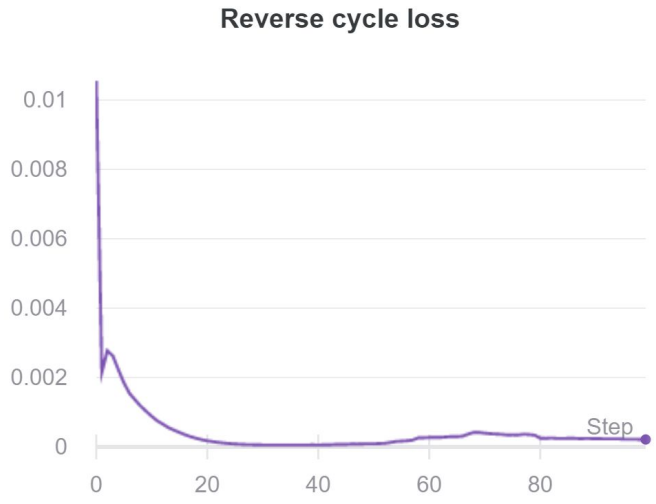
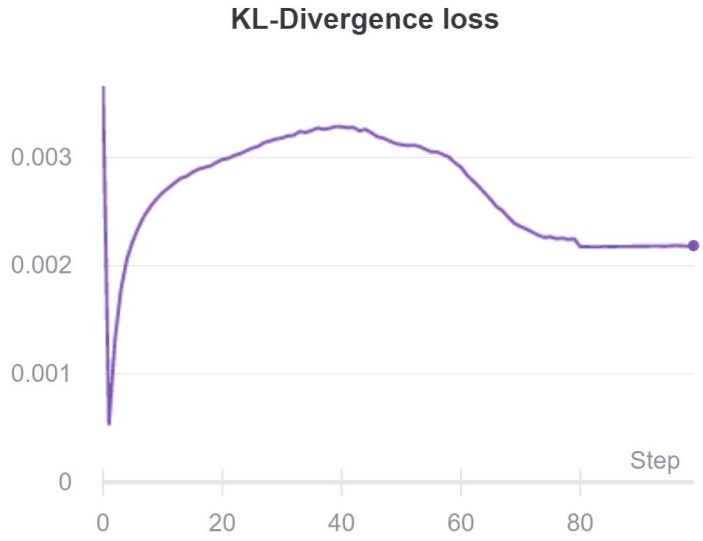
Training of Autoencoder

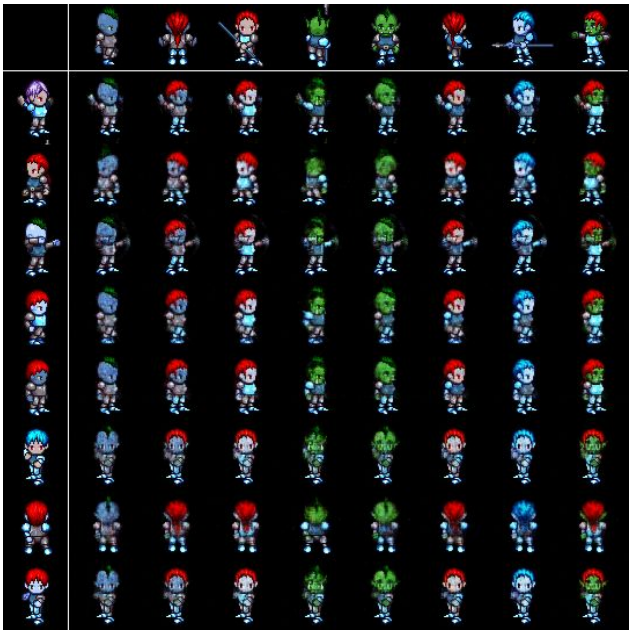


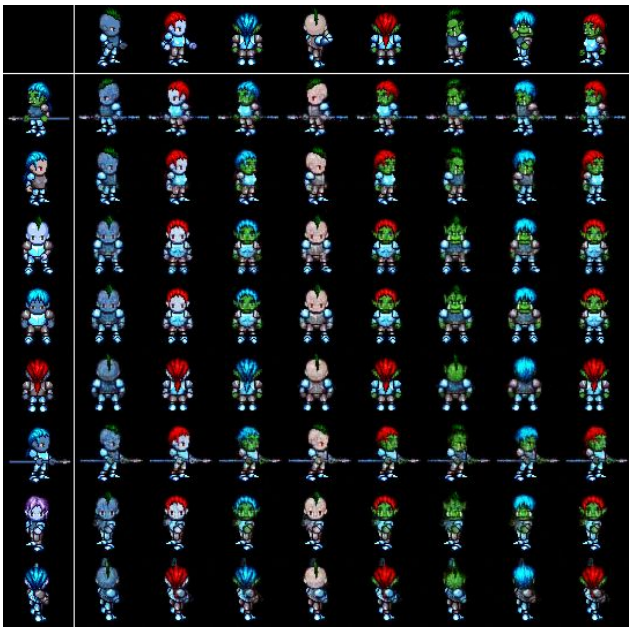




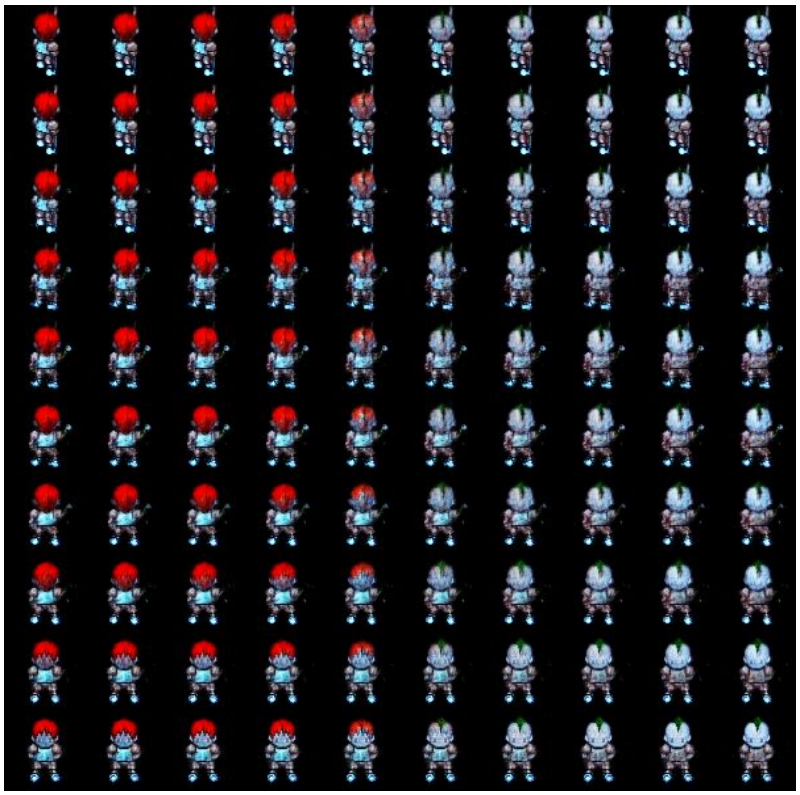
Reconstruction Loss	Reverse Cycle Loss	KL-Divergence Loss
0.0081	0.0001	0.0020

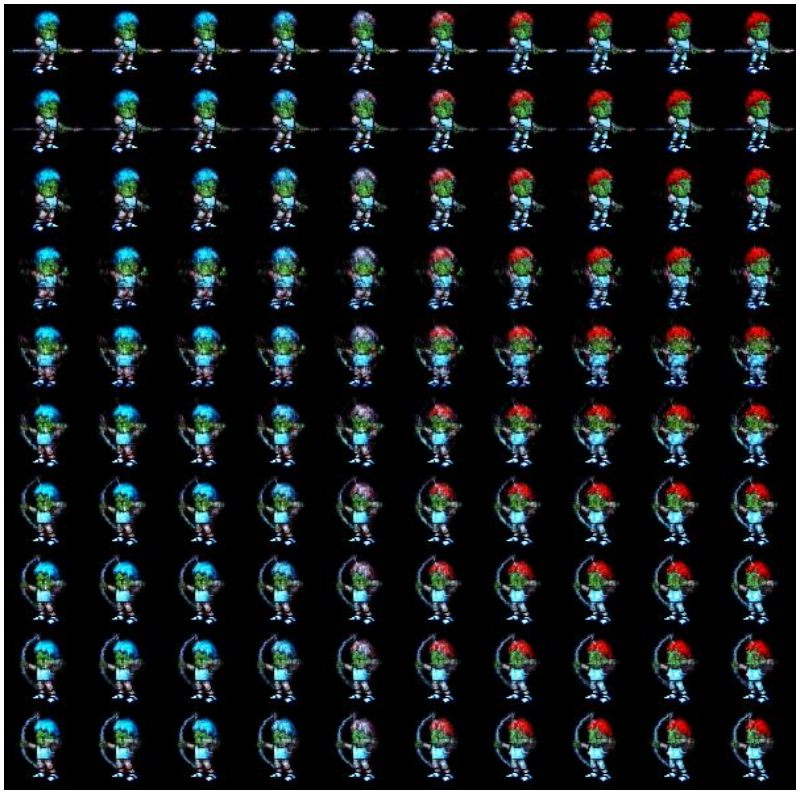
Style Transfer Grids

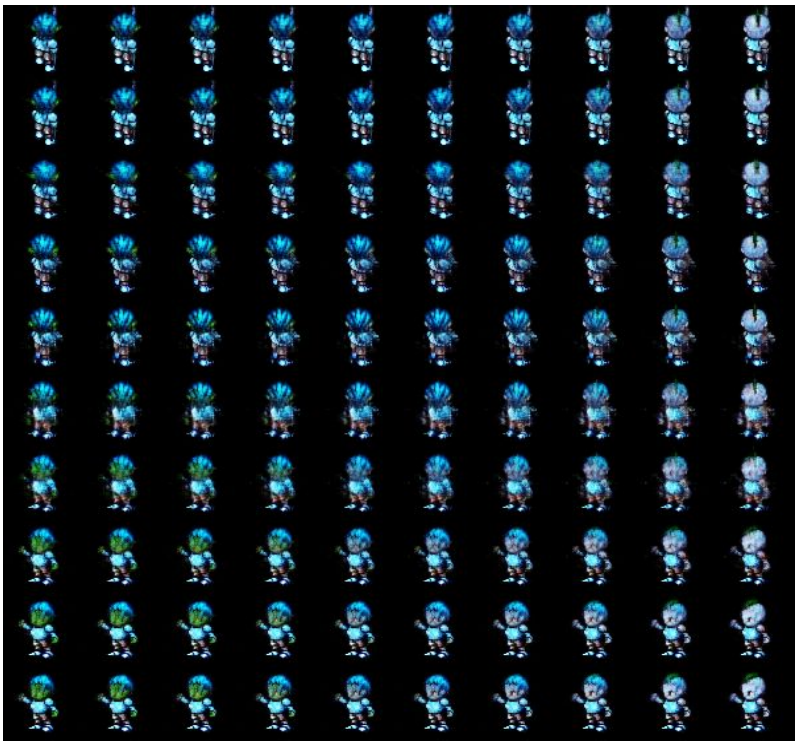




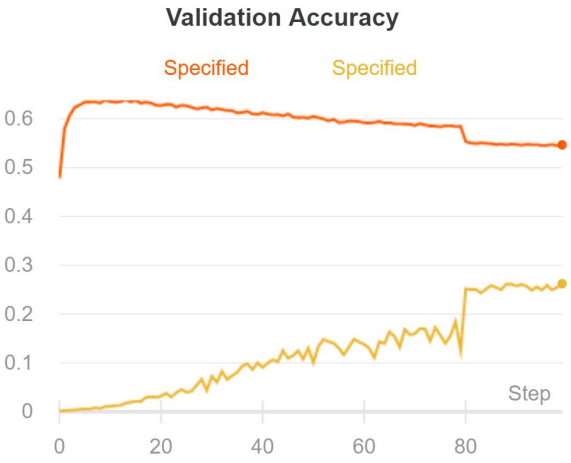
Linear Interpolation Results

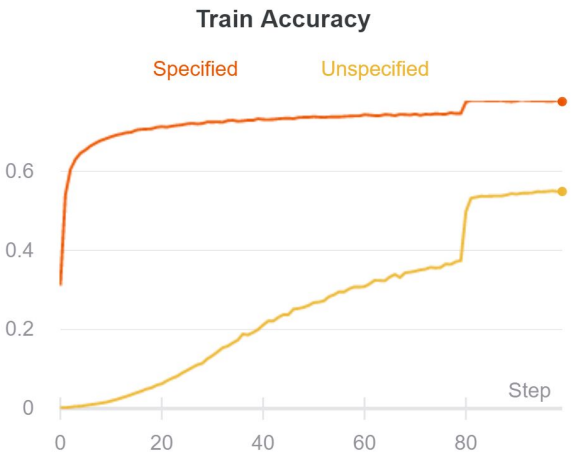






Classifier Training





	Train Accuracy	Validation Accuracy	Cross-Entropy Loss
Unspecified	0.5490	0.2623	1.3916
Specified	0.7765	0.5466	0.3527

Unspecified Classifier Misclassification

Specified Classifier Misclassification

Prediction Model

	MSE Loss
Unspecified	0.0304
Specified	0.0047

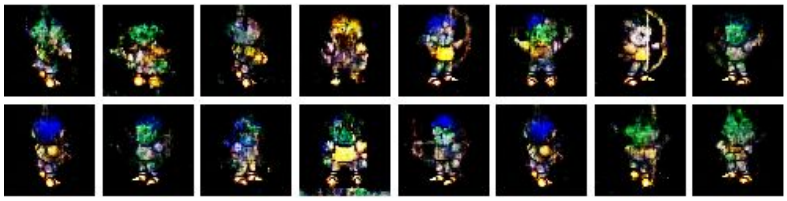
Unspecified Visualization Results

Where unspecified latent space is input and specified latent space is output

At 0th Epoch

Input Unspecified latent space

Output Specified latent space



At 99th Epoch

Input Unspecified latent space

Output Specified latent space

Specified Visualization Results

Where specified latent space is input and unspecified latent space is output

At 0th Epoch

Input Specified latent space

Output Unspecified latent space

At 99th Epoch

Input Specified latent space

Output Unspecified latent space

Links of all saved models
https://drive.google.com/file/d/1QeQpIeI-FrByUywIymJvdHD8sbG3zbTU/view?usp=sharing