

1 DETAILS OF EACH LORA

Table 1: Detailed descriptions of each LoRA.

LoRA	Category	Trigger Words	Source
<i>Anime-style</i>			
Ganyu	character	1girl, ganyu, looking at viewer, hair flower, black gloves, blush	website
Nicole Demara	character	1girl, nicole demara, hair ribbon, crop top	website
Yor Forger	character	1girl, yor briar, closed mouth, hand up, smile, looking at viewer, earrings	website
Cosplay	clothing	alicecos, black legwear, red hair ribbon, blue dress, white short sleeves	website
School Uniform	clothing	school uniform, serafuku, black legwear, white sailor collar, long sleeves	website
Coffee Dress	clothing	starbuni, emblem, green apron, starbucks, cap	website
Linear Art	style	lineart, traditional media, sketch, monochrome, greyscale	website
Pixel Art	style	pixel art	website
Oil Painting	style	oil painting, oil painting style	website
Shoelocker	background	getabako, scenery, window, locker, school, indoors	website
Kitchen	background	indoors, kitchen, day, windows, kitchen interior	website
<i>Realistic-style</i>			
Gal Gadot	character	portrait photography of Gal Gadot, a beautiful woman, full-body	website
Jennifer Lawrence	character	close-up portrait photography of Jennifer Lawrence, full-body	website
Scarlett Johansson	character	professional portrait photography of Scarlett Johansson, full-body	website
Brad Pitt	character	closeup portrait of Brad Pitt, 3/4 portrait	website
Hanfu	clothing	szhf dress, white beizi, wide sleeve, green belts, white pleated skirt	website
Chinese Armor	clothing	breathtaking Qinjia, a 40 year old man, red Chinese armor, black shoulder armor, golden helmet	website
Hades	clothing	Cloud Burst Blue hdsrmmr, giant metal wings, helmet, mask	website
Rebel Costume	clothing	helmet, gloves, orange and white spacesuit	website
Chernobyl	background	a train track running through a city with tall buildings, Chern4byl environment	website
Japan	background	japan, scenery, outdoors, road, power lines, building	website
Hotel	background	ryokan, table, indoors, scenery	website
Chinese Style	style	guofeng, chinese style, traditional Chinese painting, painting lake and mountain landscape, mountain reflection on lake surface	website
Oil Paint	style	bichu, oil painting, ancient magical ruins, deep forest, overgrown with vines	website

2 VISUAL COMPARISON



Figure 1: Visual Comparison between GPT4LoRA and other methods.

3 PROMPT DESIGN

Generation Prompt

Your task is to iteratively estimate the optimal coefficients for composing three LoRA modules, ensuring that the merged image represents the styles and contents of all LoRAs well. Here's a detailed approach: 1. *Analyze Individual LoRA Images*: Start by carefully examining the content and style of the demo images produced by each LoRA module. Note key characteristics that define each module's unique style and content; 2. *Analyze the Merged Image*: Compare the merged image with the individual LoRA demo images. Then determine which styles and contents are underrepresented or overrepresented in the merged image.; 3. *Adjust Coefficients*: Decide on necessary coefficient adjustments. Remember the goal is to achieve an equal representation of styles and contents from all three LoRAs.; 4. *Format of the Answer*: Once you determine the optimal coefficients, provide them in the specified format. We provide several examples here.; {LoRA sample} (w_1^1, \dots, w_1^5) {Query sample}.

Feedback Prompt

I need assistance in comparatively evaluating one text-to-image model based on its ability to compose different elements into a single image. The key elements are: 1. Character: XXX; 2. Clothing: XXX; 3. Style: XXX; Please help me rate based on composition and image quality.

Refine Prompt Please evaluate the following five merged images and select the one that best incorporates the contents and styles demonstrated in the provided demo images. Your response should be formatted as follows: The merged image at count XXX has the best visual effect.