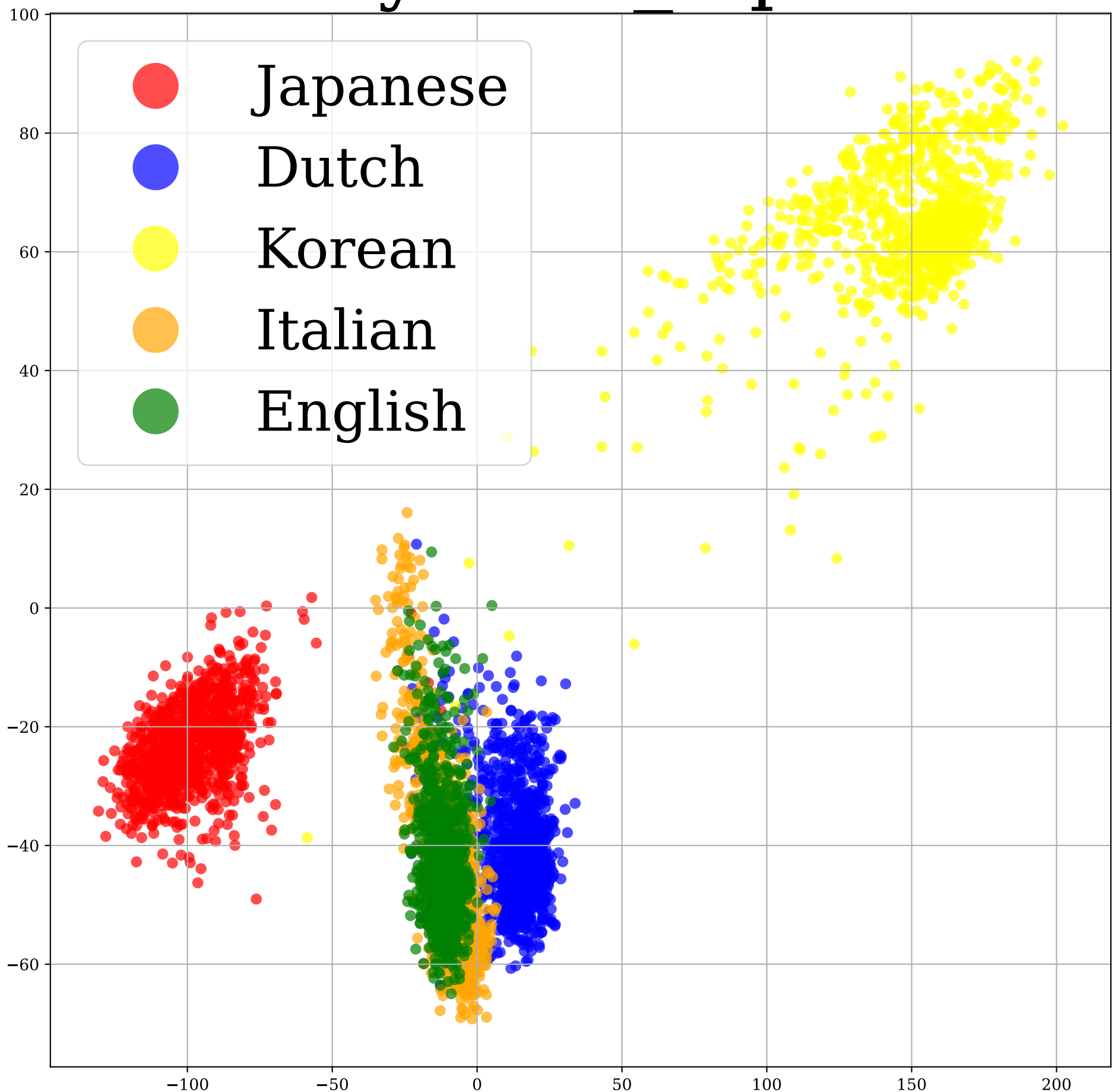Layer 32_input