X ~ p(X)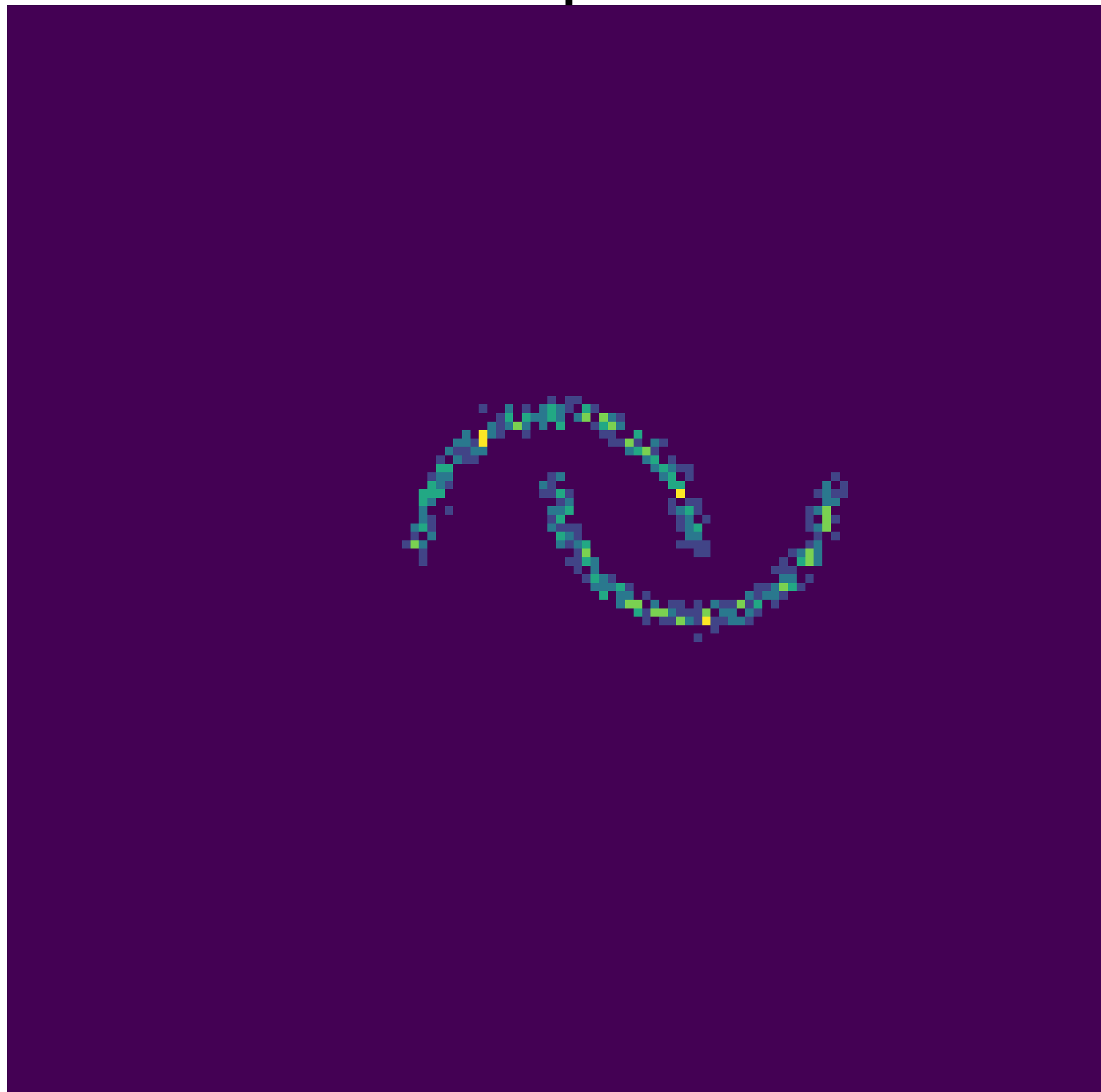   z = f(X)