



Print Your Own Gradient Filament

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Summary

Inspired by Turbo_SunShine's design, I wanted to go further.

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Inspired by [Turbo_SunShine's design](#), I wanted to go further. I've marked this as a "remix", but the openscad and stl files are original -- just the idea is inspired by TSS

This experiment shows that if you have a multi-material printer, you can use TSS's technique to create a gradient filament. Here, I demonstrate a small 2-material filament section created via openscad. It produces only about ~2g of filament, less than 1 meter.

The OpenSCAD program that produces the files is a piece of junk and takes quite a bit of time to run. As such, it is not feasible to make it into a customizer at this time. (also, I think the scad file doesn't match the stl files provided, oops!)

The frog model is [here](#) and the vase model is [here](#)

Print instructions

Resolution: 0.2mm

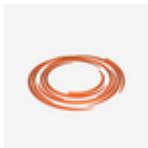
Infill: **100%**

My sample is made of some "bronze filament" and some glow in the dark PLA. However, you should be creative and try whatever sounds fun.

Model files



archie.scad



archieb.stl



archiea.stl

[Find source .stl files on Thingiverse.com](#)

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