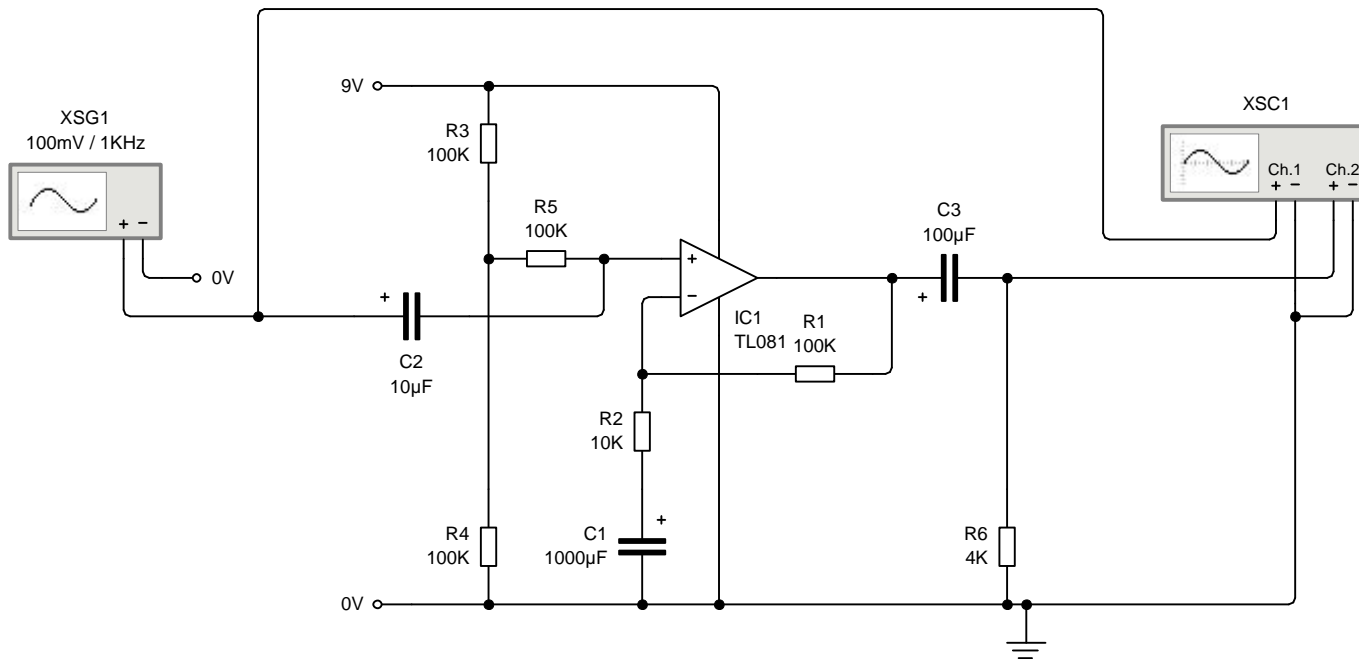# AUDIO AMPLIFIER

This circuit uses an operational amplifier but overcomes the need for a split power supply. It uses a potential divider to generate a simulated zero rail. The rest is a standard non-inverting amplifier circuit with decoupling capacitors on the inputs and outputs. Any general purpose op-amp will do - even a 741.

Gain = Rf / Rin = 10

Graph of XSC1