

7 Fluorescent Jello

Did you know that with only a couple of small tweaks, you can turn ordinary Jell-O, into a ghoulish, glowing treat? Perfect for halloween!

MATERIALS NEEDED

- Packet of Jell-O powder
- bowl
- ice cube molds
- tonic water
- UV fluorescent light



WHAT TO DO

- Mix $\frac{3}{4}$ cup of boiling water with 1 packet of Jell-O powder.
- Whisk until the Jell-O powder is completely dissolved.
- Stir in $\frac{3}{4}$ cup chilled tonic water
- Pour your Jell-O mixture into a tray or bowl and place it in the refrigerator until it sets (about 1 hour).
- Serve under UV light. The darker it is, the better the effect, so serve at night, with the lights turned out and the UV bulb as close to the jellos as possible!

WHAT HAPPENED

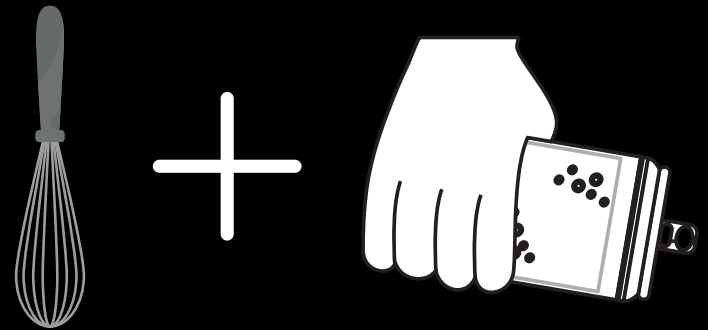
Tonic water contains a chemical called quinine that causes it to fluoresce under UV light. Your blacklight emits UV radiation, which is not visible to the naked eye but is absorbed by the quinine. The quinine then re-emits the energy it absorbed in the form of visible light. This is the blue glow you see!

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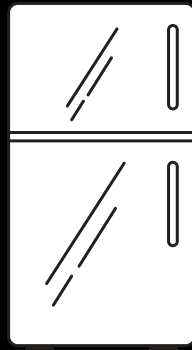
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- Serve under UV light. Make sure the room is dark for a better effect.

