

You don't live in the real universe

You live in the tiny slice your senses can detect.

Most of what exists around you is invisible, inaudible,
untouchable.

Scientists estimate that 95% of the universe is hidden from human perception, meaning almost everything happening in reality never registers in your brain at all.

Your eyes only detect a narrow band of light — 380 to 770 nanometres.

Your ears hear just 20 Hz to 20,000 Hz.

Everything outside that range is constantly passing through you:

Ultraviolet and infrared light

Ultrasonic and infrasonic sound

Radio waves moving through walls

Cosmic rays showering Earth

And neutrinos — star-born particles — streaming through your body by the trillions every second

We navigate the world as if we see everything, when in truth we sense almost nothing, or very very little .

Technology widened the keyhole.

Infrared cameras show heat.

Ultrasonic sensors hear what we can't.

Radio telescopes reveal galaxies invisible to the naked eye.

But even with all our tools, the greatest pieces of the cosmos —

dark matter and dark energy — remain complete mysteries. They hold the universe together, shape its expansion, and yet we cannot see or touch them.

It's a humbling truth:
we don't perceive reality in full.
We perceive a filtered version built for survival, not
understanding.

The universe is larger, stranger, and more beautiful than anything our senses allow us to experience — and we're only just beginning to uncover the rest.

Fun Fact:
Every second, about 100 trillion neutrinos pass through your body — but you'll never feel a single one.

Sources:
NASA
Nature Astronomy
Scientific American



Educated Minds

HUMANS CAN SEE **FREQUENCIES FROM 430–790 THZ AND PERCEIVE SOUND BETWEEN 20 HZ–20 KHZ. THESE RANGES ARE JUST A TINY PORTION OF THE ENTIRE **SPECTRUM** OF LIGHT AND SOUND — MEANING MUCH OF WHAT EXISTS IS ENTIRELY **INVISIBLE** TO US**