

Virtual Private Network (VPN)

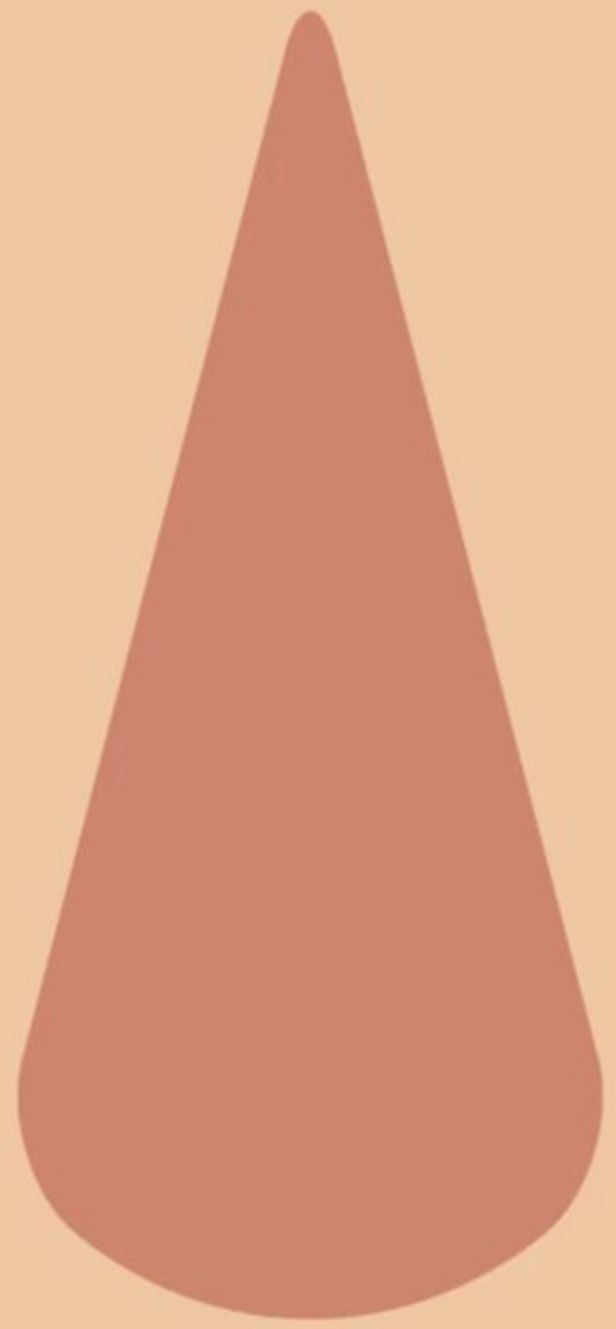
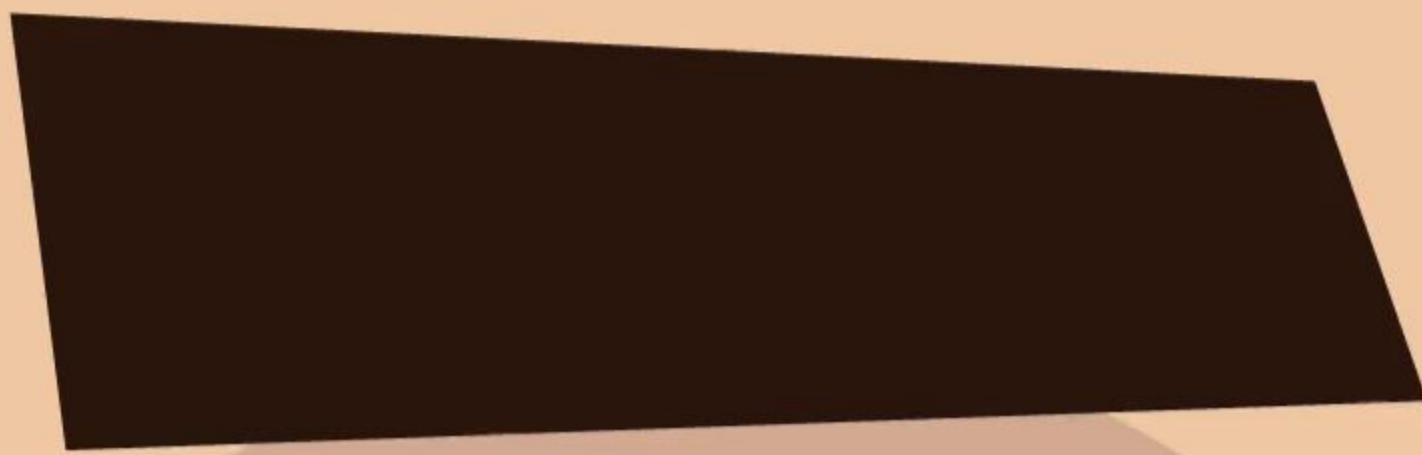
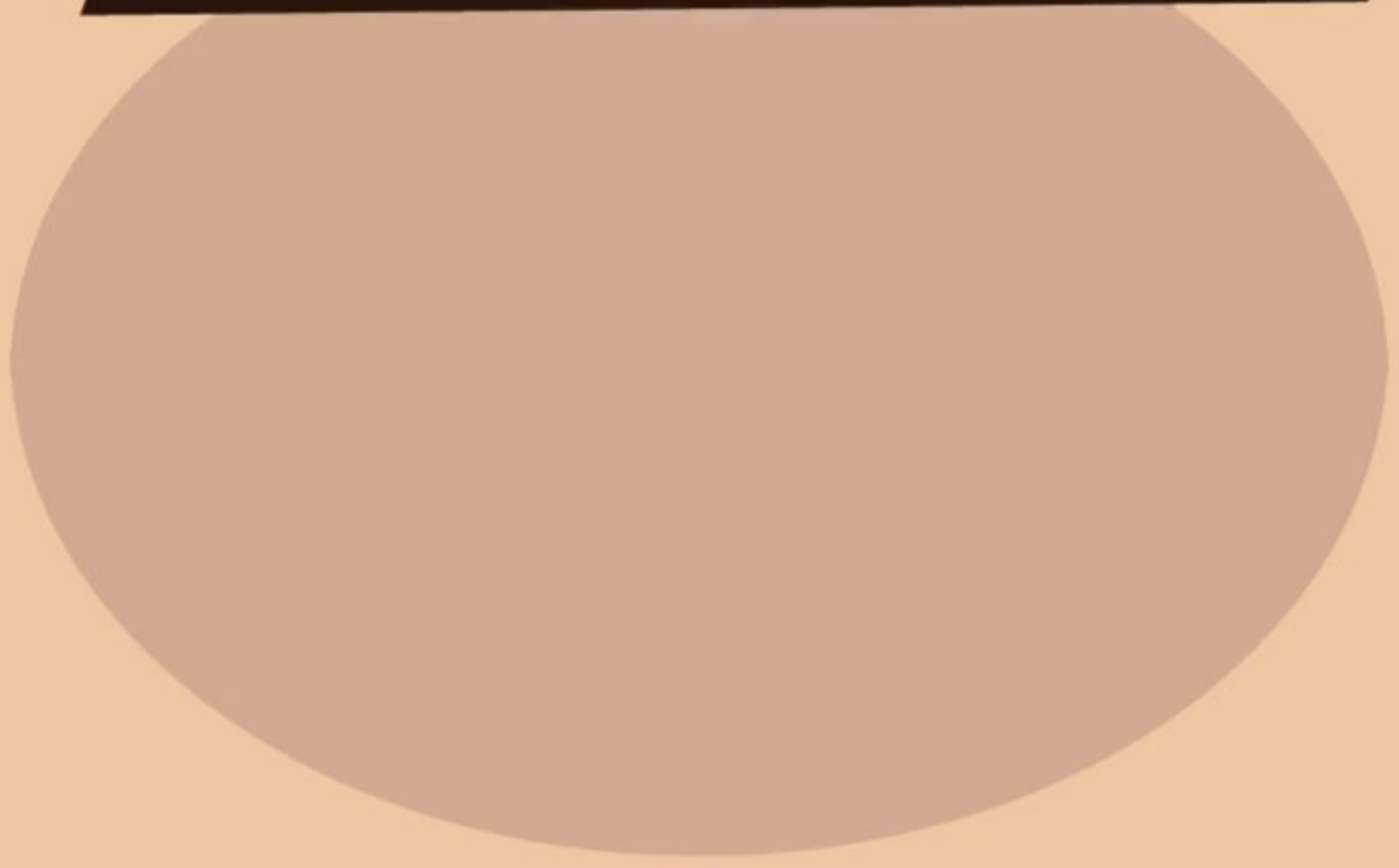
What's a VPN?

- Secure tunnel between PC and destination

- Masks your actual location

- Gives you a virtual location

- You will appear like browsing for the VPN's server geographical location, not your actual location.



Safe communication apps

What's end-to-end encryption?

- a method of secure communication

- prevents third-parties from accessing data while it's transferred

- Data is encrypted on the sender's device and only the recipient is able to decrypt it

- Nobody in between can read it or tamper with it.



Signal

- ✓ End-to-end encryption
- ✓ Open source
- ✓ Disappearing messages
- ✓ Password security



The best thing about Signal is that there are virtually no security risks.

Whatsapp



- ✓ End-to-end encryption
- ✓ Verify encryption
- ✓ Two-step verification
- ✓ Messages not stored



Unencrypted backups

Telegram



- ✓ End-to-end encryption
- ✓ Passcode lock
- ✓ Two-step verification
- ✓ Self-destructing messages and account
- ✓ Remote logout

- ✗ End-to-end encryption isn't default
- ✗ Logging chat data