

How to Watch YouTube on TV

This blog post was translated by ChatGPT.

Here we assume you already know how to access the internet using VPN or similar methods. So, how can you watch YouTube on your TV? Flashing the router is a bit troublesome. Here, we use an application to help.

SmartYoutubeTV

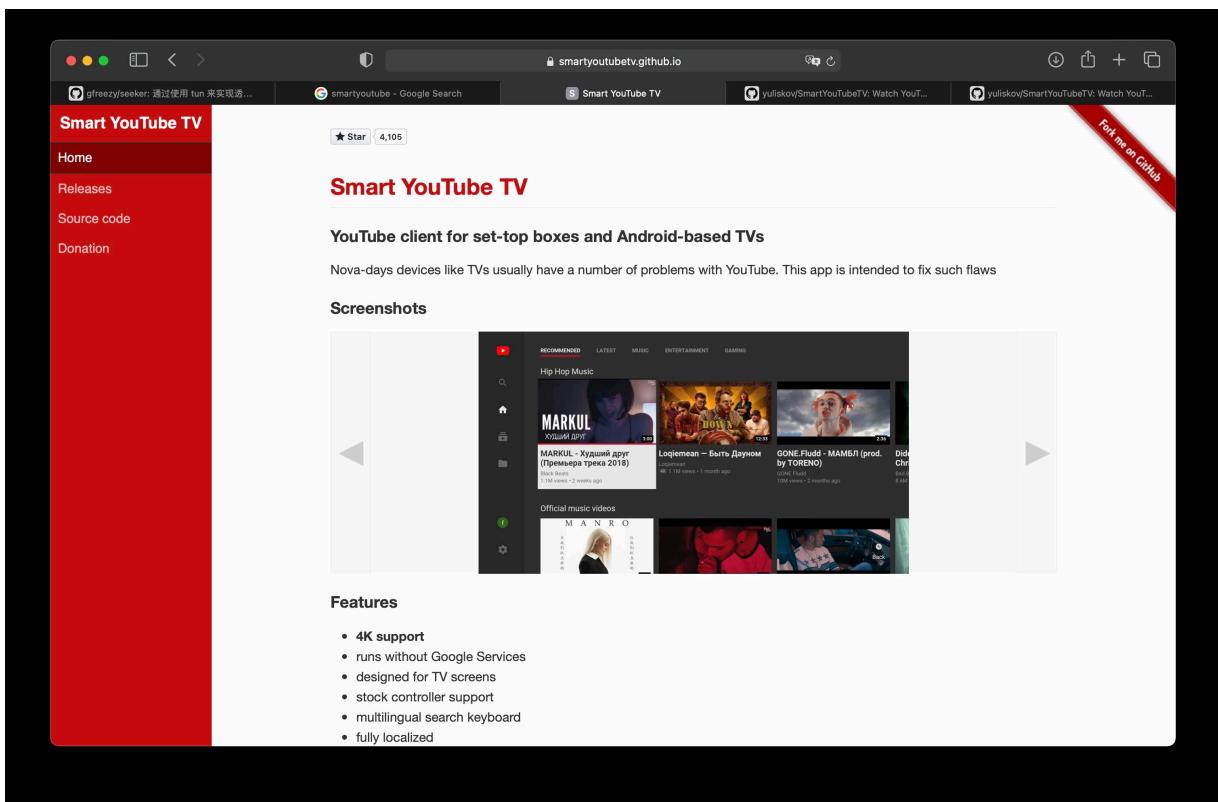


Figure 1: smart

Download it and install it on your TV using a USB drive.

Next, on the VPN client, select `Allow connect from LAN`. This means allowing other devices on the local network to use this device for internet access.

Then, in the settings of `SmartYoutubeTV`, configure the port.

After setting it up, click the `Test` button to check if it's working. Note that I used a `SOCKS` proxy. I tried using an `HTTP` proxy several times without success. Once the test is successful, click `OK`, then test it again.

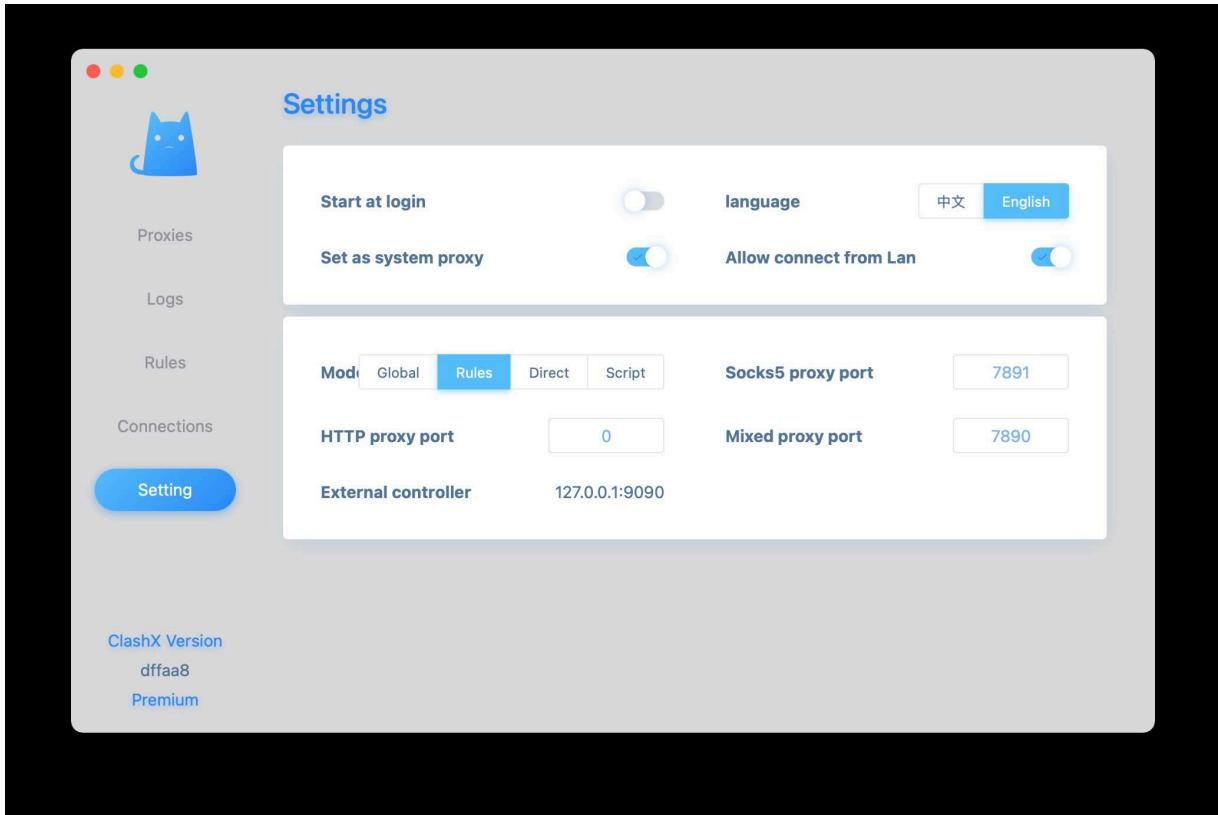


Figure 2: clash

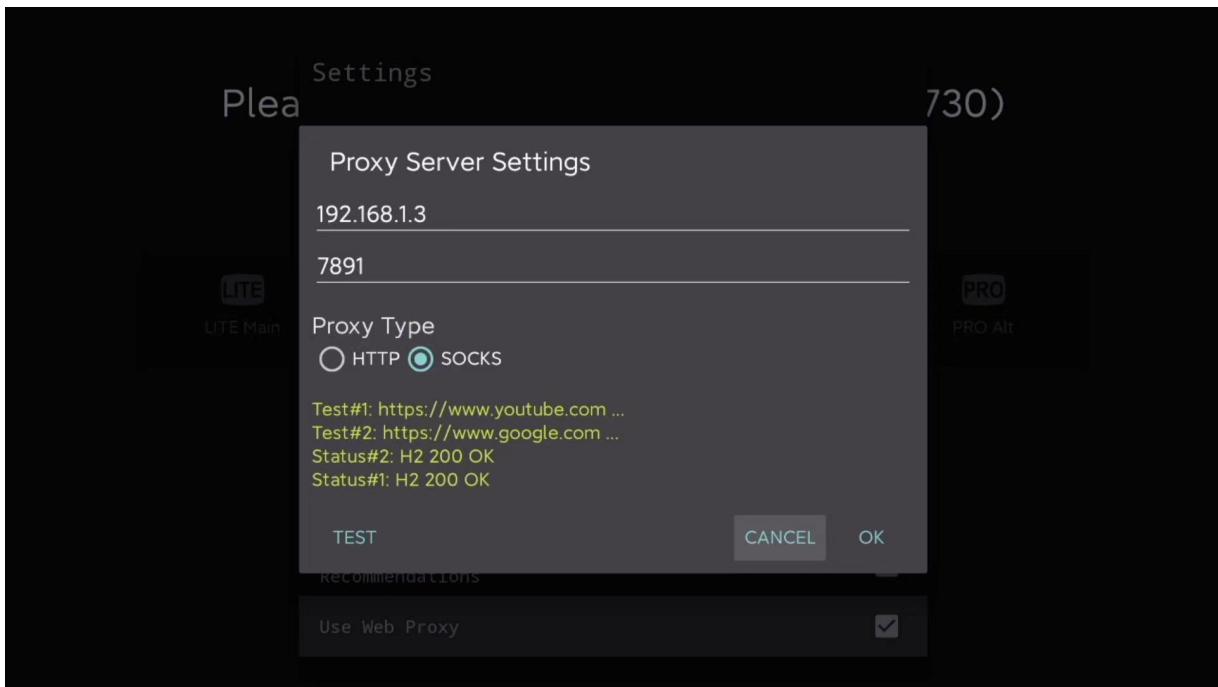


Figure 3: proxy1

Also, you may need to adjust the IP 192.168.1.3 based on your local network address.

That's it, now you can watch YouTube on your TV conveniently.

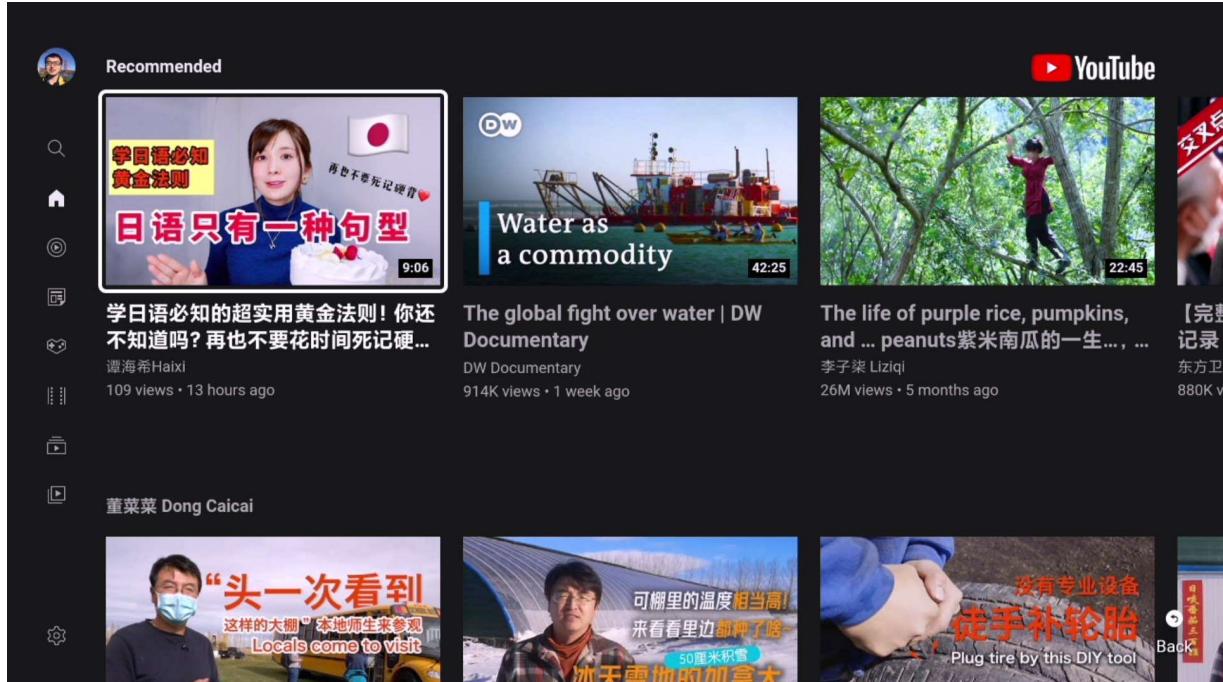


Figure 4: tan

gfreezy/seeker

This is a GitHub project. The project page has usage instructions. Here, I will supplement some additional points.

It uses `tun` to implement transparent proxying, similar to Surge's enhanced mode and gateway mode.

I initially used `seeker` to turn my computer into a VPN router. Here is my configuration:

```
verbose: true
dns_start_ip: 10.0.0.10
dns_servers:
  - 223.5.5.5:53
  - 114.114.114.114:53
dns_timeout: 1s
tun_name: utun4
tun_ip: 10.0.0.1
tun_cidr: 10.0.0.0/16
dns_listen: 0.0.0.0:53
```

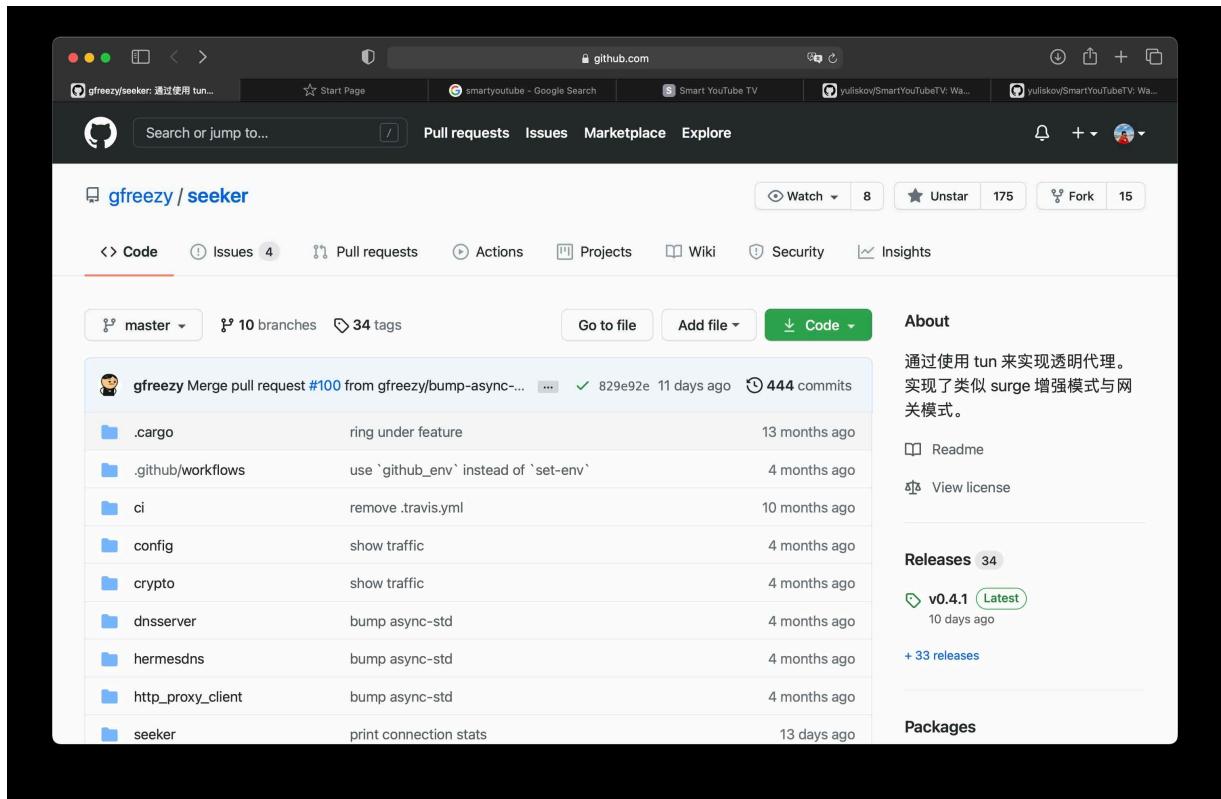


Figure 5: seeker

```

gateway_mode: true
ping_timeout: 2s
probe_timeout: 30ms
connect_timeout: 1s
read_timeout: 30s
write_timeout: 5s
max_connect_errors: 2

servers:
  - name: http proxy server
    addr: 0.0.0.0:7890
    protocol: Http

  - name: https proxy server
    addr: 0.0.0.0:7890
    protocol:Https

rules:
  - 'MATCH,PROXY'

```

Initially, I used a `socks5` proxy, configured like this:

```

servers:
  - name: socks5 proxy server
    addr: 0.0.0.0:7891
    protocol: Socks5

```

However, there were many issues, with frequent connection problems. The documentation has a note:

When using a `socks5` proxy, you need to set all direct connection domain names in the configuration file. If you use `ss` or `vmess`, you need to add the `ss` or `vmess` server domain name to the configuration file. Otherwise, it may cause a dead loop and fail to work properly.

This might be the reason.

Using `seeker` means you need a computer running it as a router. However, using the `proxy` configuration is much more flexible. I can use an iPhone or Android phone to share the proxy port.

TV Screenshots

While writing this article, I figured out how to take screenshots on the TV. I have a Xiaomi TV. You can double-click the **Home** button on the remote to bring up the app management menu.

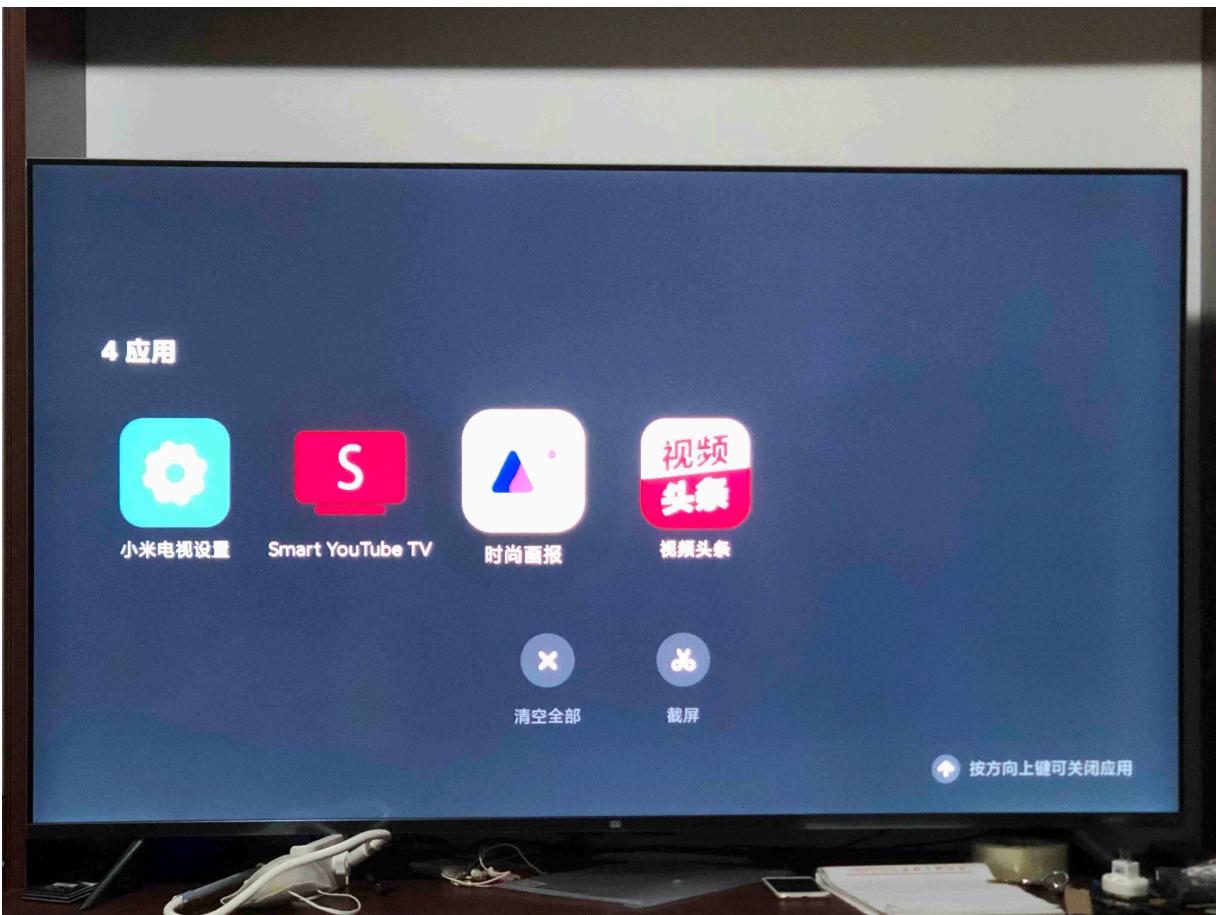


Figure 6: tv_screen

See the screenshot button? You can easily share it to WeChat. Here you can also close all applications. If some apps are stuck, you can handle them this way.

Alright, let's use the big screen TV to explore the world!