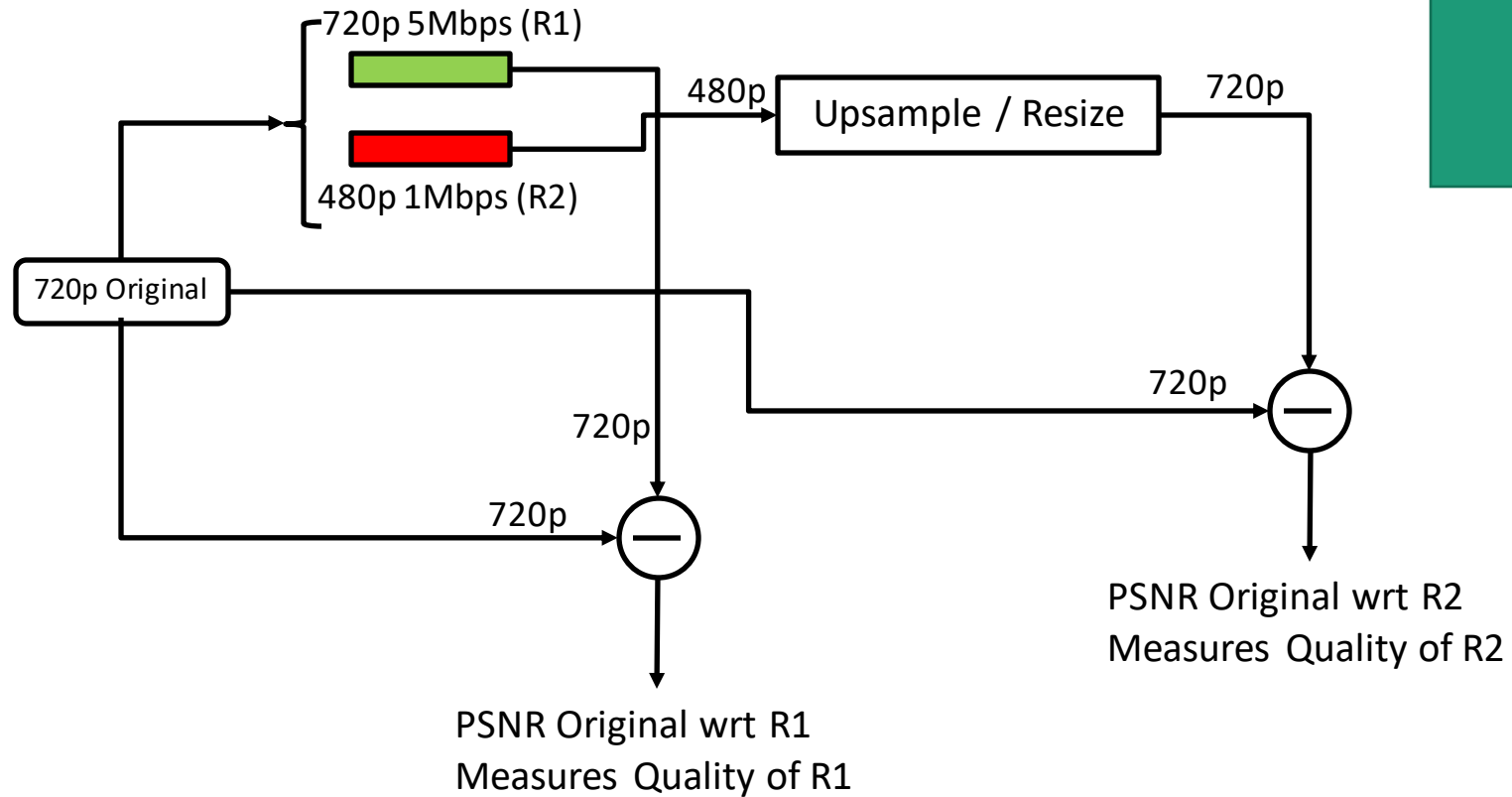


Assignment II - Cheatsheet

How to compare representations?



Up-sampling Methods:
1. Bicubic Interpolation
2. Lanczos-3 Filter

We need the videos to be of the same size in order to compare them!!

How to process YUV videos

You will need to read the YUV files and to upsample them.

Tools to do that:

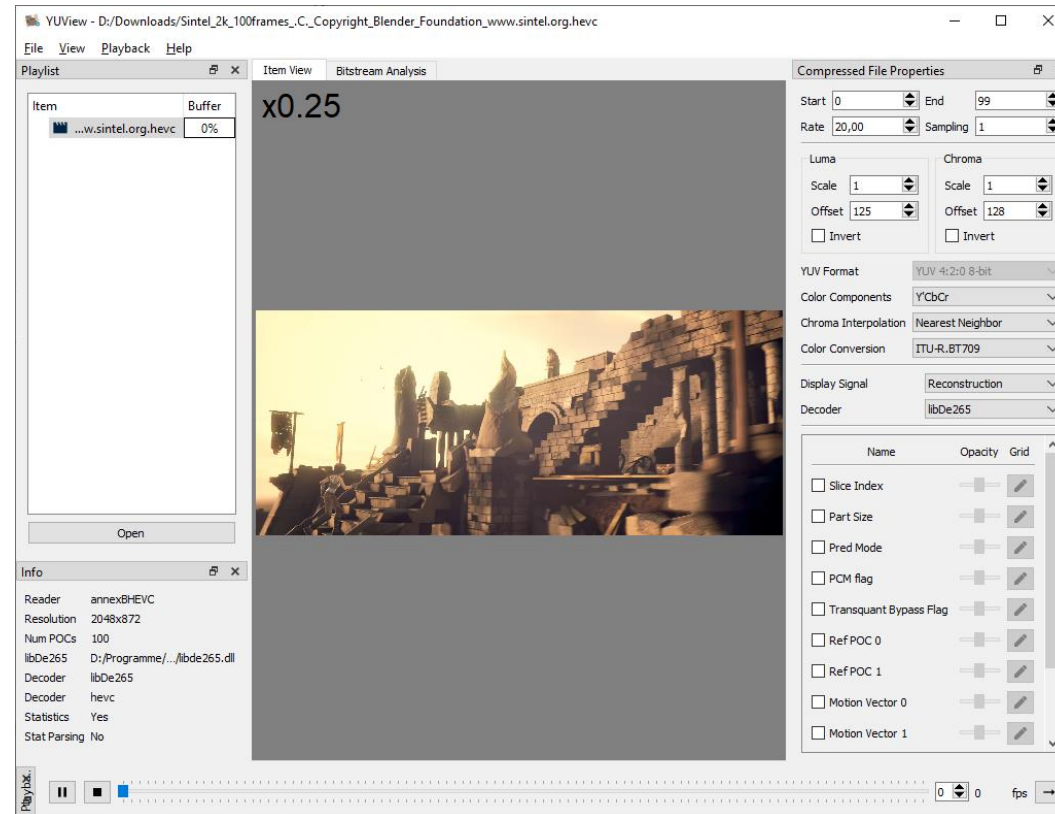
- Matlab
- Python
- ffmpeg

YUV players

- **Ffmpeg:** ffplay command

- **YUView**

<https://github.com/IENT/YUView>



Ffmpeg CBR

Example:

```
ffmpeg -s 640x274 -pix_fmt yuv420p -i dancing.640x274.yuv -b:v 96k -  
vcodec libx264 -pix_fmt yuv420p test96k.mp4
```