

# An Introduction to Television and Video

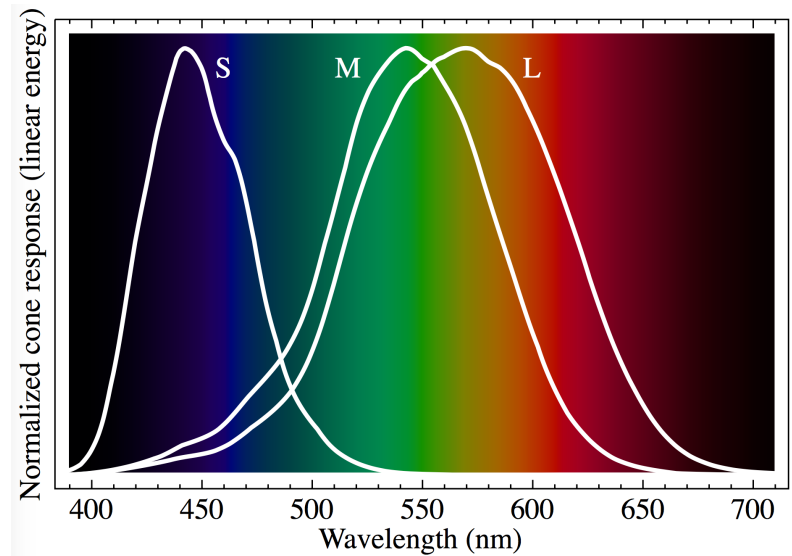
Reto Kromer • AV Preservation by reto.ch

## Film Preservation and Restoration

Prasad Film Lab, Chennai, India

7–14 October 2017

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## Medium and/or Carrier

- sound
- film
- television
- video
- files

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## Sound Recordings

- wax cylinder
- gramophone record
- magnetic wire
- magnetic tape
- files

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## Photography

black and white:

- blue sensitive emulsion
- orthochromatic emulsion
- panchromatic emulsion

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## Magnetic Tape

- open reel
- cassette
- cartridge

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## Common Magnetic Formats

Audio

- 2", 1", 1/2", 1/4"

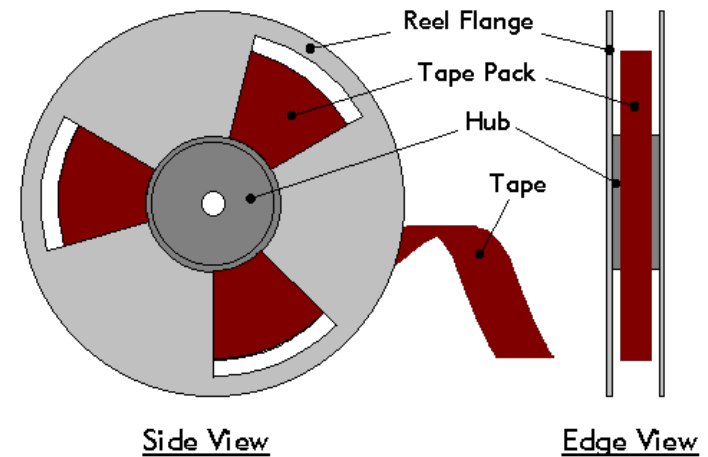
Cinema

- 35 mm, 17.5 mm, 16 mm

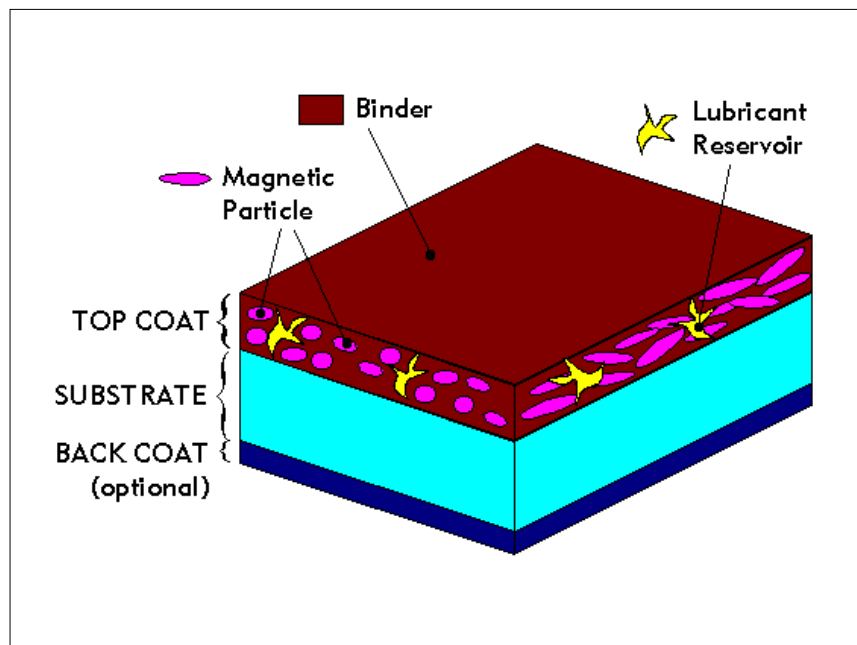
Video

- 2", 1", 3/4", 1/2"

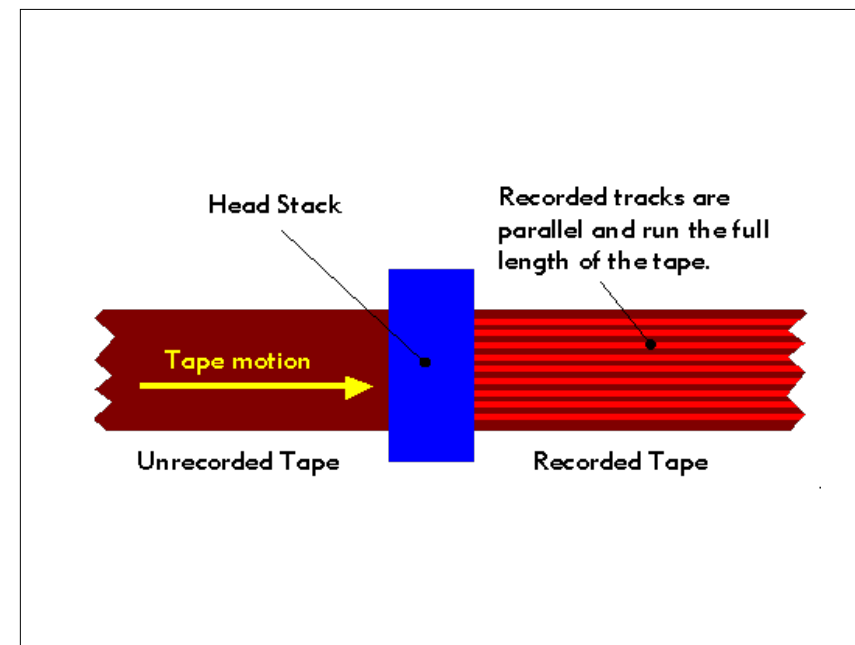
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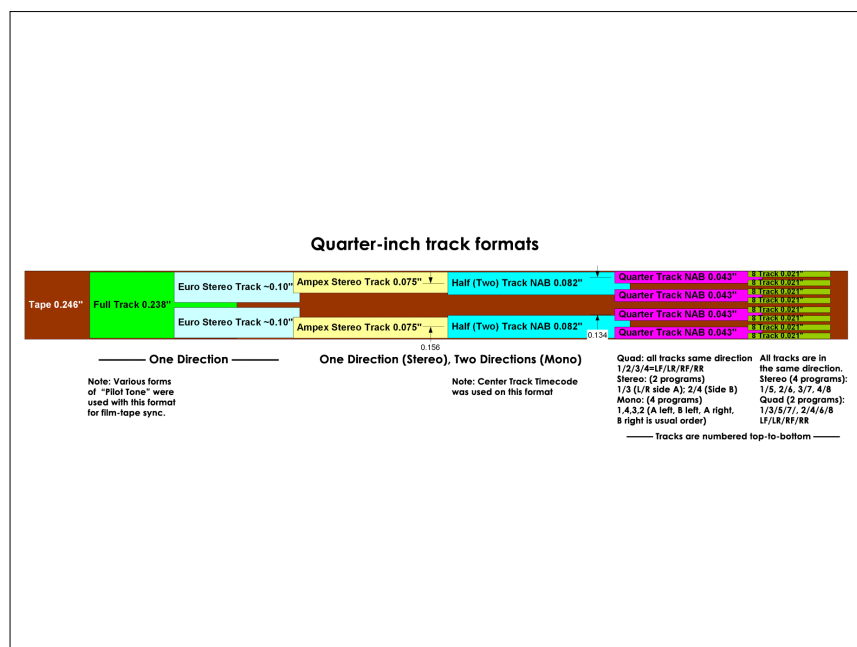
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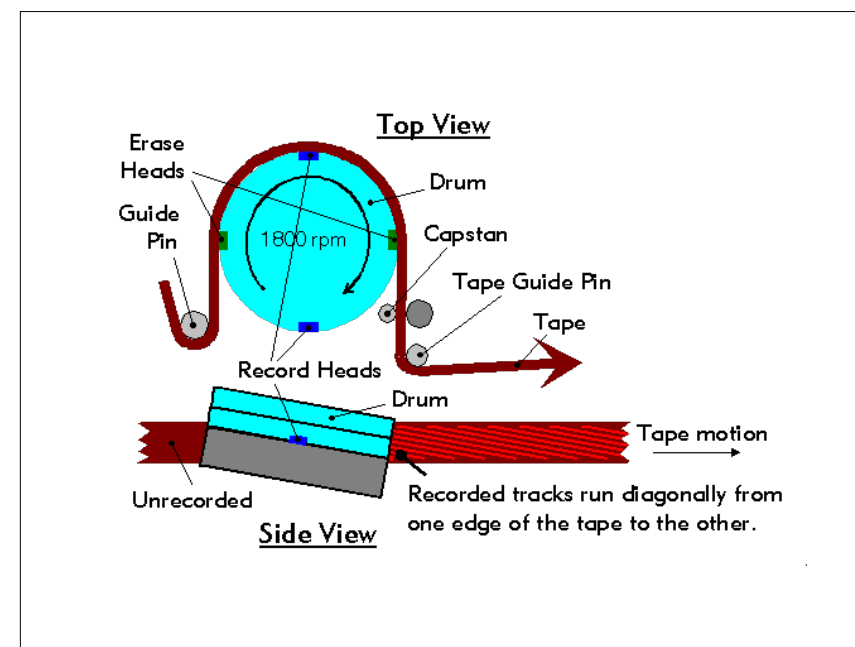
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## Sound Film Production

image	sound
photochemical	photochemical
photochemical	magnetic
photochemical	digital
photochemical + digital	digital
digital	digital

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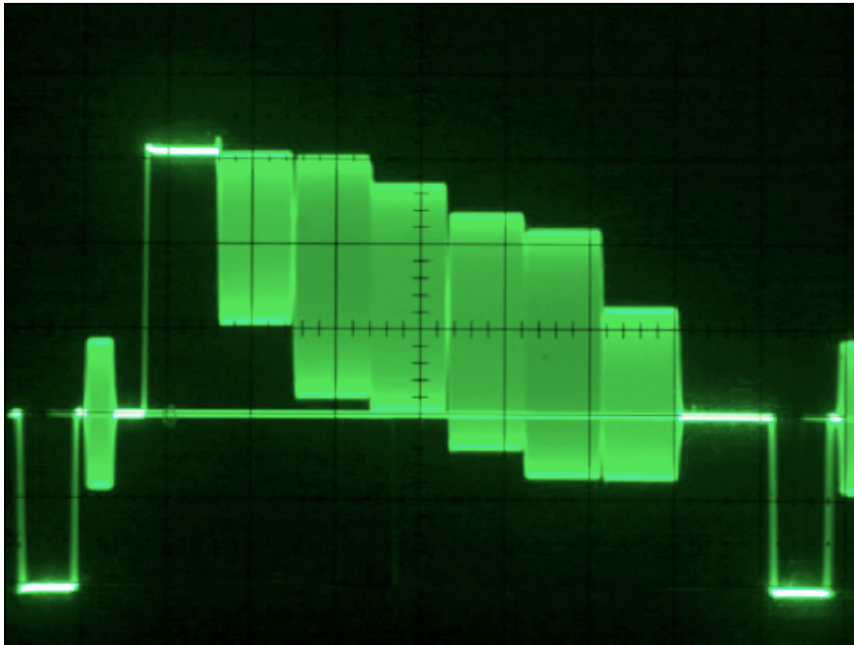
## Television

- film
- live
- film and live
- film, magnetic and live
- magnetic and live
- files and live

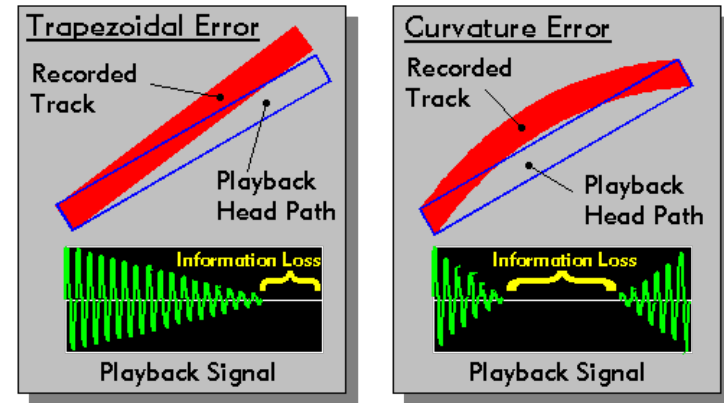
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## Workflow

- identification
- preparation
- digitisation
- quality control (QC)
- cataloguing

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## Open Source Tools

- vrecord
- QCTools, qcli
- FFmpeg
- MediaInfo, MediaConch

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# Identification

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## Format Identification

**Videotape Identification and Assessment Guide.** Texas Commission on the Arts, 2004

→ [www.arts.texas.gov/wp-content/uploads/2012/04/video.pdf](http://www.arts.texas.gov/wp-content/uploads/2012/04/video.pdf)

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# Preparation

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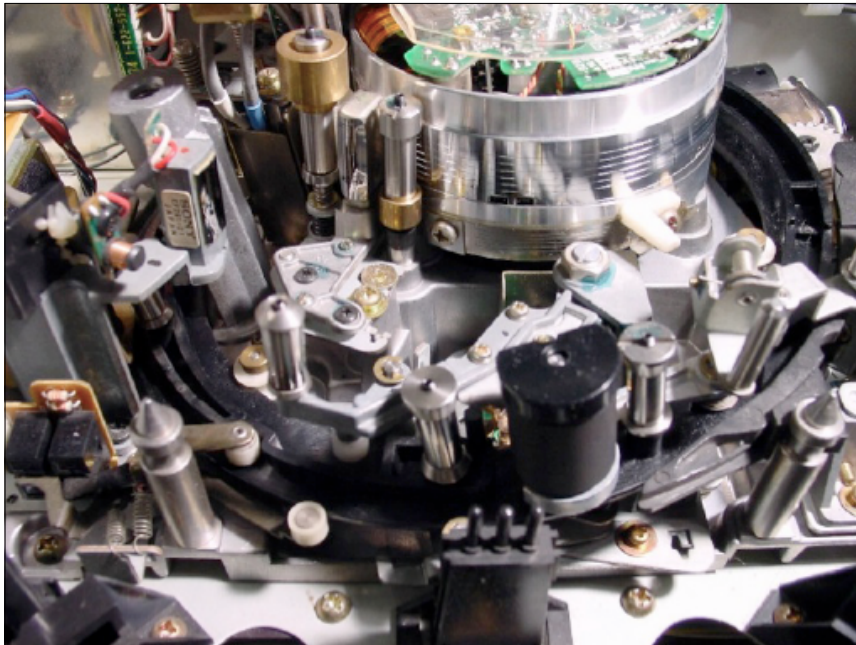
## Storage and Handling

John W. C. Van Bogart: **Magnetic Tape Storage and Handling. A Guide for Libraries and Archives.** Commission on Preservation and Access, Washington DC; National Media Laboratory, St. Paul MN June 1995

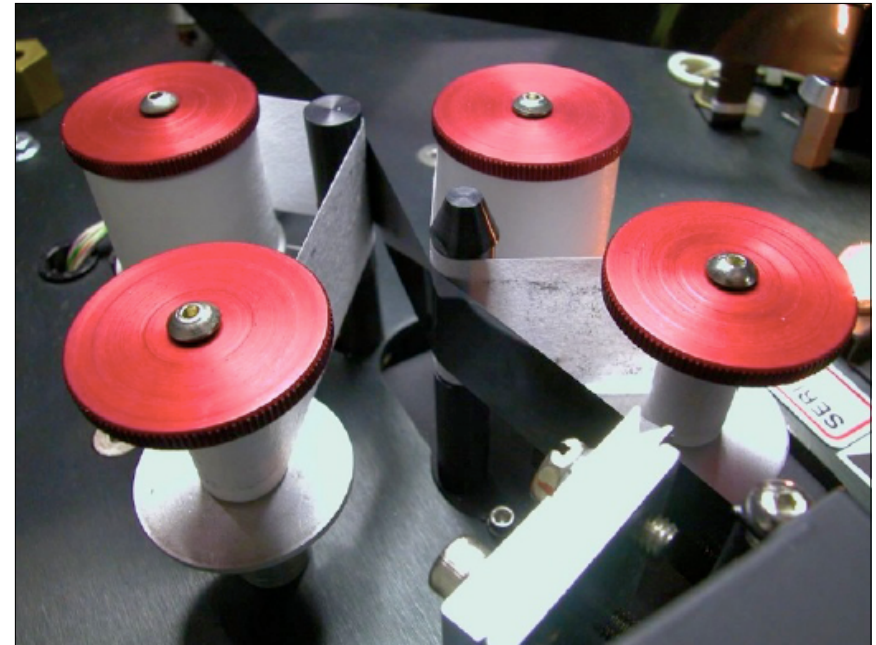
→ [www.clir.org/pubs/reports/pub54](http://www.clir.org/pubs/reports/pub54)

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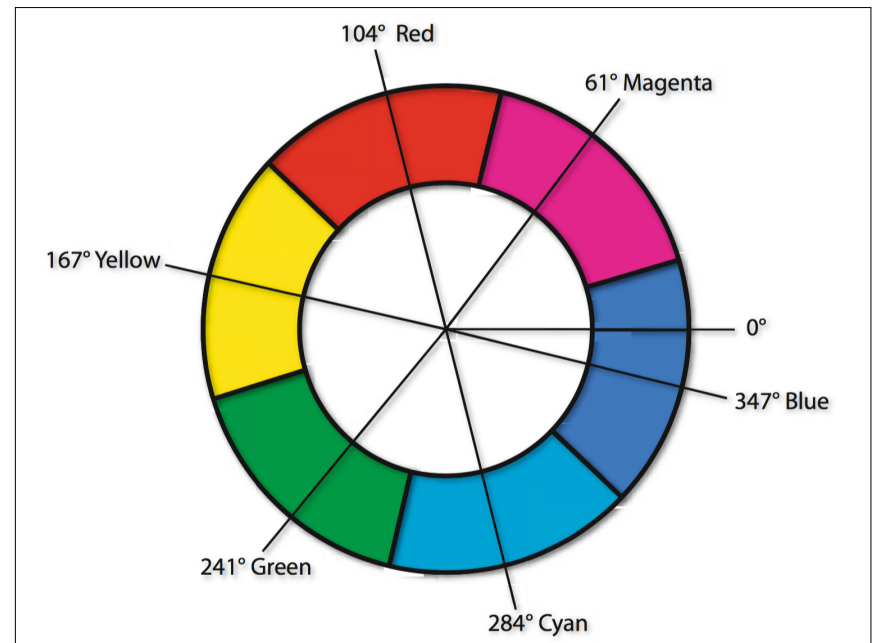
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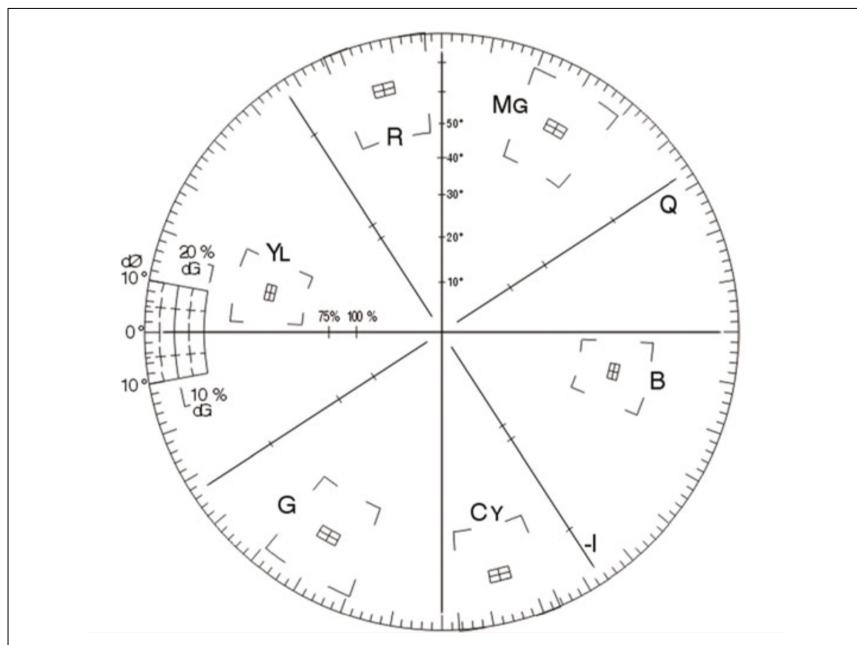
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# Digitisation

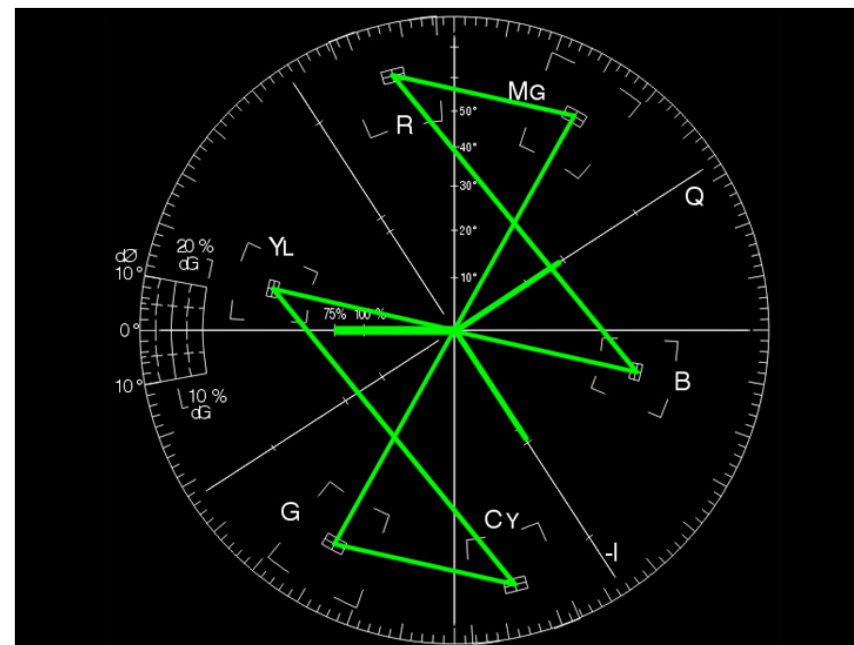
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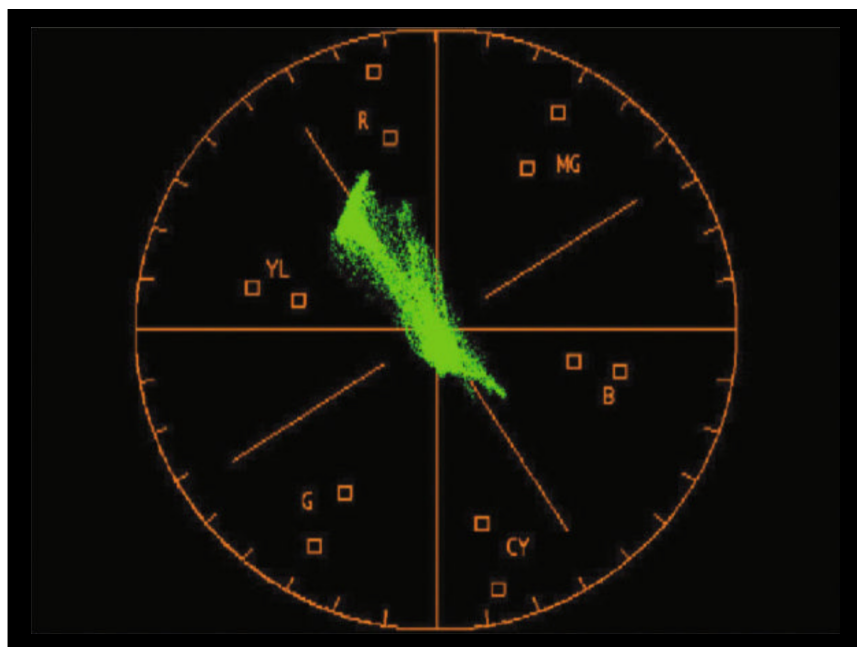
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## AV Preservation by reto.ch

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