Color Processing - Input Image
Color Processing - Output Image (adaptive), scale = 1.8
Color Processing - Output Image (dark adaptive), scale = 1.8
Output Image (dark adaptive bottom), \( \text{scale} = 1.8 \)

Input Image
Skin Tone memory color detection

- Results from skin tone detection algorithm. White indicates a skin tone pixel. This information is used in the dynamic contrast algorithm and the color saturation enhancement algorithm.
Green/Grass memory color detection

- Results from Green/Grass detection algorithm. White indicates a green/grass pixel. This information is used in the dynamic contrast algorithm and the color saturation enhancement algorithm.
Blue/Sky memory color detection

- Results from Blue/Sky detection algorithm. White indicates a Blue/Sky pixel. This information is used in the dynamic contrast algorithm and the color saturation enhancement algorithm.
Sample input/Output for the contrast/color algorithm: color enhancement

- The left side is represent the input frame to the contrast/color algorithm, the right side show the output.

Sky/blue color saturation enhancement
Sample input/Output for the contrast/color algorithm: color enhancement mode

- The left side is represent the input frame to the contrast/color algorithm, the right side show the output. Minimum change to the skin-tones in the contrast and color processing.
Sample input/Output for the contrast/color algorithm: color enhancement mode

- The left side is represent the input frame to the contrast/color algorithm, the right side show the output. Minimum change to the skin-tones in the contrast and color processing.

Sky/blue color saturation enhancement
contrast/color algorithm: color enhancement

- The left side represents the input frame to the contrast/color algorithm, and the right side shows the output.

Grass/green color enhancement

Grass/green color enhancement
contrast/color algorithm: simultaneous details enhancement/contrast enhancement mode

More detail in highlight than original
contrast/color algorithm: simultaneous details enhancement/contrast enhancement mode (more details in shadow areas than the original)

- The left side represents the input frame to the contrast/color algorithm, and the right side shows the output.
contrast/color algorithm: contrast/color enhancement mode

The left side represents the input frame to the contrast/color algorithm, the right side shows the output. Minimum change to the skin-tones in the contrast and color processing.
contrast/color algorithm: contrast/color enhancement mode

- The left side is represent the input frame to the contrast/color algorithm, the right side show the output.
contrast/color algorithm: **contrast/color enhancement mode**

- The left side is represent the input frame to the contrast/color algorithm, the right side show the output.