

Converting Colors

YUV(83.9940, 2.4680, 1.7593)

Have a look what the booklet for
YUV(83.9940, 2.4680, 1.7593)
contains.

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Color

**YUV(83.9940, 2.4680,
1.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	565259
RGB	86, 82, 89
RGB Percent	34%, 32%, 35%
CMY	0.6627, 0.6784, 0.6510
CMYK	0.03, 0.08, 0.00, 0.65
HSL	274°, 4%, 34%
HSV	274°, 8%, 35%
XYZ	8.6582, 8.7343, 10.6807
YIQ	83.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

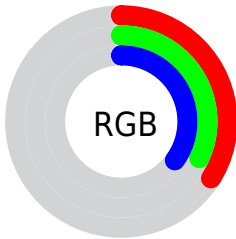
Format	Color
RYB	86, 82, 89
Decimal	5657177
CIELab	35.47, 3.13, -3.50
CIElCh	35, 4.697, 311.812
Yxy	8.7343, 0.3084, 0.3111
Android (android.graphics.Color)	4283847257 (0xFF565259)
YUV	83.9940, 2.4680, 1.7593
Hunter-Lab	29.5538, 0.5749, -0.7397

Details

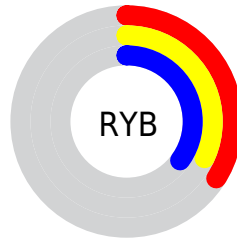
The YUV color **83.9940, 2.4680, 1.7593** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.0060, -2.4680, -1.7593**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4070, 2.7573, 2.2741**, and **38.9940, 2.4680, 1.7593** is the 20% darker color. If you saturate the color by 10%, you get **77.5150, 5.6621, 3.9333**, and if you desaturate by 10%, it is **90.4730, -0.7262, -0.4148**.

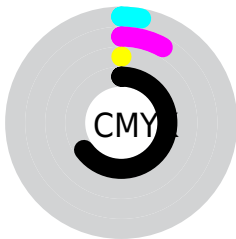
Distribution



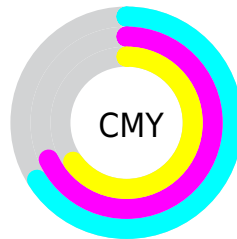
- Red (34%)
- Green (32%)
- Blue (35%)



- Red (34%)
- Yellow (32%)
- Blue (35%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (65%)



- Cyan (66%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9940, 2.4680, 1.7593 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 83.9940, 2.4680, 1.7593 by changing the saturation by 10% instead.

■ 83.9940, 2.4680,
1.7593

■ 83.9940, 2.4680,
1.7593

■ 255.0000, 0.0000,
0.0000

■ 60.9940, 2.4680,
1.7593

■ 133.4070, 2.7573,
2.2741

■ 38.9940, 2.4680,
1.7593

■ 159.4070, 2.7573,
2.2741

■ 18.8800, 2.0312,
1.8592

■ 186.4070, 2.7573,
2.2741

■ 0.0000, 0.0000,
0.0000

■ 214.4070, 2.7573,
2.2741

■ 242.5210, 3.1941,
2.1741

■ 83.9940, 2.4680,
1.7593

■ 83.9940, 2.4680,
1.7593

■ 77.5150, 5.6621,
3.9333

■ 90.4730, -0.7262,
-0.4148

■ 71.0360, 8.8563,
6.1074

■ 96.9520, -3.9203,
-2.5889

■ 64.8560, 11.9030,
8.8963

■ 103.1320, -6.9671,
-5.3778

■ 58.3770, 15.0971,
11.0704

■ 109.6110,
-10.1612, -7.5518

■ 52.4850, 18.0019,
12.7297

■ 115.5030,
-13.0660, -9.2111

■ 46.0060, 21.1960,
14.9037

■ 121.9820,
-16.2601, -11.3852

■ 39.5270, 24.3902,
17.0778

■ 128.4610,
-19.4543, -13.5593

■ 33.0480, 27.5843,

■ 134.9400,

19.2519

-22.6484, -15.7334

■ 26.8680, 30.6311,
22.0408

■ 141.1200,
-25.6952, -18.5222

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3140, 3.7892, -2.0294



83.9940, 2.4680, 1.7593



84.2610, 0.8573, 5.0331

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9940, 2.4680, 1.7593



83.4090, -3.6526, 4.9033



82.2980, 1.3321, -7.2773

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83.9940, 2.4680, 1.7593



87.0060, -2.4680, -1.7593

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1520, -0.5679, -4.5183



83.9940, 2.4680, 1.7593



83.3870, -3.6418, 1.4146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9940, 2.4680, 1.7593



83.7620, -2.3477, 6.3477



83.0060, -2.4680, -1.7593



82.3520, 2.7845, -6.4477

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9940, 2.4680, 1.7593



84.2180, -0.6005, 5.9478



83.0060, -2.4680, -1.7593



82.3690, 0.3111, -6.4626

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.9940, 2.4680, 1.7593



112.9400, 1.0156, 0.9296



84.5590, 2.1894, -2.2442



57.5270, 0.7262, 0.4148



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9940, 2.4680, 1.7593



107.0480, 3.9203, 2.5889



84.8910, 2.0257, 3.6036



40.0540, 1.4524, 0.8296



30.4370, 37.7456, 26.8038



66.8560, 82.8950, 58.8853

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.4350, 0.2785, 4.0035



107.8590, 0.5625, 6.2627



86.1090, -2.0257, -3.6036



40.4240, 0.2840, 2.2592



37.2370, 4.3202, 61.1822



81.7790, 9.4760, 134.3748

Previews

White Background



This preview shows how the YUV color 83.9940, 2.4680, 1.7593 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 83.9940, 2.4680, 1.7593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

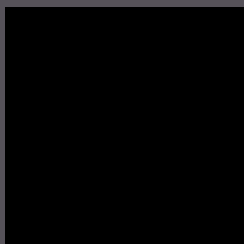
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

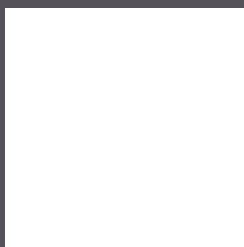
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.9940, 2.4680, 1.7593

Background



This preview shows how black text looks on a background with the YUV color 83.9940, 2.4680, 1.7593.



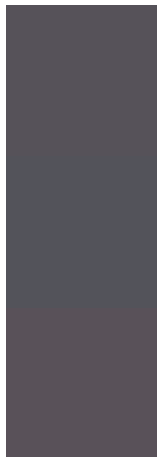
This preview shows how white text looks on a background with the YUV color 83.9940, 2.4680,

1.7593.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.9940, 2.4680, 1.7593

Protanopia

83.7980, 3.0576, -0.6998

Deuteranopia

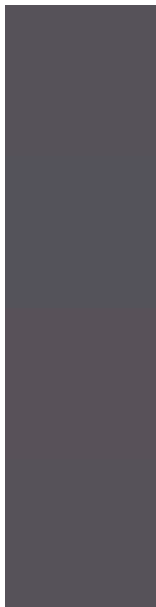
84.3040, 2.3151, 4.1184



Tritanopia

83.9940, 2.4680, 1.7593

Trichromacy



Original Color

83.9940, 2.4680, 1.7593

Protanomaly

84.0970, 2.9102, -0.0851

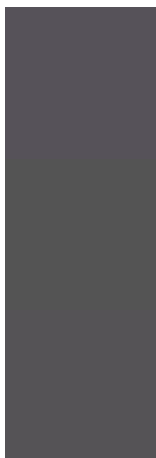
Deuteranomaly

84.0050, 2.4625, 3.5036

Tritanomaly

83.9940, 2.4680, 1.7593

Monochromacy



Original Color

83.9940, 2.4680, 1.7593

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9940, 2.4680, 1.7593 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(86, 82, 89)` looks like.

```
.text, #text, p{  
    color:rgb(86, 82, 89)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(86, 82, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 82, 89) }
```

Border

The CSS property to change the border of an element to YUV 83.9940, 2.4680, 1.7593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 82, 89) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(86, 82, 89) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(86, 82, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 82, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 82, 89);  
box-shadow:4px 4px 4px 4px rgb(86, 82, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.9940, 2.4680, 1.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 82, 89) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(86, 82,  
89) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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