

Converting Colors

YUV(83.4980, 8.1355, 3.9483)

Have a look what the booklet for
YUV(83.4980, 8.1355, 3.9483)
contains.

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Color

**YUV(83.4980, 8.1355,
3.9483)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 584E64 |
| RGB | 88, 78, 100 |
| RGB Percent | 35%, 31%, 39% |
| CMY | 0.6549, 0.6941, 0.6078 |
| CMYK | 0.12, 0.22, 0.00, 0.61 |
| HSL | 267°, 12%, 35% |
| HSV | 267°, 22%, 39% |
| XYZ | 9.0491, 8.4436, 13.2094 |
| YIQ | 83.4980, -1.1020, 8.9620 |

Conversions

Conversions Part 2

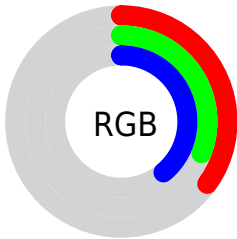
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 88, 78, 100 |
| Decimal | 5787236 |
| CIE _{Lab} | 34.89, 8.96, -11.27 |
| CIE _{LCh} | 35, 14.393, 308.484 |
| Yxy | 8.4436, 0.2947, 0.2750 |
| Android (android.graphics.Color) | 4283977316 (0xFF584E64) |
| YUV | 83.4980, 8.1355, 3.9483 |
| Hunter-Lab | 29.0578, 4.7369, -6.6122 |

Details

The YUV color **83.4980, 8.1355, 3.9483** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.5020, -8.1355, -3.9483**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0250, 8.8617, 4.3631**, and **38.5580, 7.1199, 3.0186** is the 20% darker color. If you saturate the color by 10%, you get **76.1330, 11.7664, 6.0224**, and if you desaturate by 10%, it is **90.8630, 4.5045, 1.8741**.

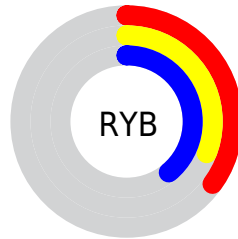
Distribution



Red (35%)

Green (31%)

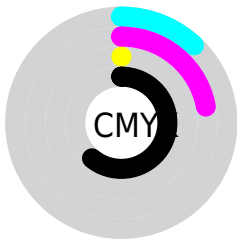
Blue (39%)



Red (35%)

Yellow (31%)

Blue (39%)

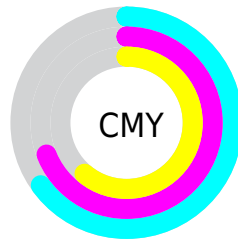


Cyan (12%)

Magenta (22%)

Yellow (0%)

Black (61%)



Cyan (65%)

Magenta (69%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4980, 8.1355, 3.9483 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 83.4980, 8.1355, 3.9483 by changing the saturation by 10% instead.

83.4980, 8.1355,
3.9483

83.4980, 8.1355,
3.9483

255.0000, 0.0000,
0.0000

60.3840, 7.6987,
4.0482

133.0250, 8.8617,
4.3631

38.5580, 7.1199,
3.0186

159.1390, 9.2985,
4.2631

17.2700, 7.2619,
4.1482

186.4380, 9.1511,
4.8779

0.6840, 2.6208,
-0.5999

213.5520, 9.5879,
4.7779

0.0000, 0.0000,
0.0000

241.7540, 6.5303,
5.4777

83.4980, 8.1355,
3.9483

83.4980, 8.1355,
3.9483

76.1330, 11.7664,
6.0224

90.8630, 4.5045,
1.8741

68.4690, 15.5448,
7.4817

98.5270, 0.7262,
0.4148

61.1040, 19.1757,
9.5558

105.8920, -2.9048,
-1.6593

53.4400, 22.9541,
11.0151

113.5560, -6.6831,
-3.1186

46.0750, 26.5850,
13.0892

120.9210,
-10.3141, -5.1927

38.4110, 30.3634,
14.5486

128.5850,
-14.0924, -6.6520

31.0460, 33.9943,
16.6227


135.9500,
-17.7233, -8.7261

24.8550, 37.0465,

143.6140,

17.6672

-21.5017, -10.1855

 150.9790,
-25.1326, -12.2596

Harmonies

Analogous

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



81.9310, 11.3730, -7.8325



83.4980, 8.1355, 3.9483



84.2990, 3.3036, 13.7698

Triad

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



83.4980, 8.1355, 3.9483



82.6290, -10.6631, 13.4804



77.1820, 3.8543, -22.9616

Complementary

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



83.4980, 8.1355, 3.9483



94.5020, -8.1355, -3.9483

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.



78.5160, -2.7194, -14.4845



83.4980, 8.1355, 3.9483



80.8730, -10.7834, 5.3734

Square

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



83.4980, 8.1355, 3.9483



82.8730, -7.3324, 18.5284



79.9040, -7.8407, -5.1778



77.2510, 9.2433, -24.7761

Rectangle

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



83.4980, 8.1355, 3.9483



83.9960, -0.4910, 17.5435



79.9040, -7.8407, -5.1778



77.0360, 1.9543, -20.2026

Sweetspot

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



83.4980, 8.1355, 3.9483



123.2220, 3.3416, 1.5593



87.5520, 6.1369, -8.3771



62.1680, 1.8892, 0.7297



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.4980, 8.1355, 3.9483



104.6600, 12.4926, 6.4372



86.7870, 6.5140, 10.7108



47.1680, 1.8892, 0.7297



28.6580, 42.5666, 20.4709



60.4780, 89.4903, 43.4308

Inverse Universe

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



85.9460, 1.9986, 12.3254



108.3320, 3.2873, 19.0028



91.2130, -6.5140, -10.7108



47.8370, 0.5734, 2.7740



41.5670, 10.5665, 64.4007



87.4060, 21.9848, 135.5789

Previews

White Background



This preview shows how the YUV color 83.4980, 8.1355, 3.9483 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 83.4980, 8.1355, 3.9483 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 83.4980, 8.1355, 3.9483

Background



This preview shows how black text looks on a background with the YUV color 83.4980, 8.1355, 3.9483.



This preview shows how white text looks on a background with the YUV color 83.4980, 8.1355,

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

83.4980, 8.1355, 3.9483

Protanopia

82.1980, 9.7624, -4.5586

Deuteranopia

82.5790, 8.5886, -1.3848



Tritanopia

82.5920, 2.1731, 2.9888

Trichromacy



Original Color

83.4980, 8.1355, 3.9483

Protanomaly

82.6930, 9.0254, -1.4848

Deuteranomaly

82.8890, 8.4357, 0.9743

Tritanomaly

82.8740, 4.4991, 3.6185

Monochromacy



Original Color

83.4980, 8.1355, 3.9483

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4980, 8.1355, 3.9483 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(88, 78, 100)` looks like.

```
.text, #text, p{  
    color:rgb(88, 78, 100)  
}
```

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(88, 78, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 78, 100) }
```

Border

The CSS property to change the border of an element to YUV 83.4980, 8.1355, 3.9483 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(88, 78, 100) }
```


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

```
.border{ border-color:rgb(88, 78, 100) }
```

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

Here you see how a box with a 4 pixel rgb(88, 78, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 78, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 78, 100);  
box-shadow:4px 4px 4px 4px rgb(88, 78,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 83.4980, 8.1355, 3.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 78, 100) }
```

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

```
.background{ background-color: rgb(88, 78,  
100) }
```

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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