

Converting Colors

YUV(65.0580, 8.8454, 9.5961)

Have a look what the booklet for
YUV(65.0580, 8.8454, 9.5961)
contains.

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Color

**YUV(65.0580, 8.8454,
9.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3853
RGB	76, 56, 83
RGB Percent	30%, 22%, 33%
CMY	0.7020, 0.7804, 0.6745
CMYK	0.08, 0.33, 0.00, 0.67
HSL	284°, 19%, 27%
HSV	284°, 33%, 33%
XYZ	5.9560, 4.9894, 8.8327
YIQ	65.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

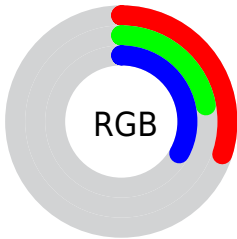
Format	Color
RYB	76, 56, 83
Decimal	4995155
CIELab	26.70, 14.53, -12.95
CIELCh	27, 19.461, 318.286
Yxy	4.9894, 0.3011, 0.2523
Android (android.graphics.Color)	4283185235 (0xFF4C3853)
YUV	65.0580, 8.8454, 9.5961
Hunter-Lab	22.3369, 8.5063, -7.8094




Details

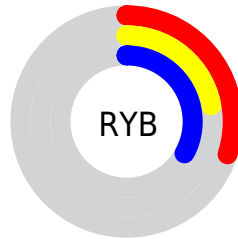
The YUV color **65.0580, 8.8454, 9.5961** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73.9420, -8.8454, -9.5961**, and the grayscale version is **65.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.9980, 9.8610, 10.5258**, and **21.8190, 7.9772, 8.0517** is the 20% darker color. If you saturate the color by 10%, you get **59.7640, 11.4553, 12.4850**, and if you desaturate by 10%, it is **70.3520, 6.2355, 6.7073**.

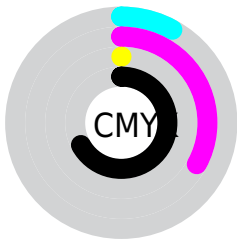
Distribution







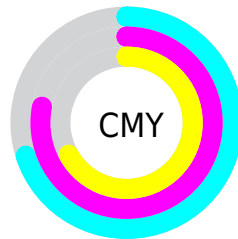
-  Red (30%)
-  Green (22%)
-  Blue (33%)






-  Red (30%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (8%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (70%)
-  Magenta (78%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.0580, 8.8454, 9.5961 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 65.0580, 8.8454, 9.5961 by changing the saturation by 10% instead.

65.0580, 8.8454,
9.5961

65.0580, 8.8454,
9.5961

255.0000, 0.0000,
0.0000

42.6450, 8.5560,
9.0813

112.9980, 9.8610,
10.5258

21.8190, 7.9772,
8.0517

138.4110, 10.1504,
11.0406

1.8240, 6.9888,
-1.5996

164.8240, 10.4398,
11.5554

0.0000, 0.0000,
0.0000

192.1230, 10.2924,
12.1701

220.2370, 10.7292,
12.0702

244.4340, 5.2090,

9.2664

■ 65.0580, 8.8454,
9.5961

■ 65.0580, 8.8454,
9.5961

■ 59.7640, 11.4553,
12.4850

■ 70.3520, 6.2355,
6.7073

■ 53.8830, 14.3547,
15.8886

■ 76.2330, 3.3361,
3.3037

■ 48.5890, 16.9646,
18.7774

■ 81.5270, 0.7262,
0.4148

■ 42.9960, 19.7220,
21.0515

■ 87.1200, -2.0312,
-1.8592

■ 37.1150, 22.6213,
24.4551

■ 92.4140, -4.6411,
-4.7481

■ 31.8210, 25.2312,
27.3440

■ 98.2950, -7.5404,
-8.1517

■ 27.7010, 27.2624,
29.2032

■ 103.5890,
-10.1504, -11.0406

■ 108.8830,
-12.7603, -13.9294

■ 114.7640,
-15.6597, -17.3330

Harmonies

Analogous

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



62.9250, 13.8410, -6.0732



65.0580, 8.8454, 9.5961



64.8160, 2.5557, 20.3324

Triad

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



65.0580, 8.8454, 9.5961



62.4180, -14.0101, 13.6654



50.7820, 10.4605, -41.9048

Complementary

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



65.0580, 8.8454, 9.5961



73.9420, -8.8454, -9.5961

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.



56.2480, 0.3707, -25.6505



65.0580, 8.8454, 9.5961



61.1670, -13.3933, 2.4845

Square

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



65.0580, 8.8454, 9.5961



63.3850, -10.5428, 21.5874



59.4580, -8.1138, -10.9257



51.0790, 16.7231, -43.9193

Rectangle

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



65.0580, 8.8454, 9.5961



64.2850, -2.1125, 24.3061



59.4580, -8.1138, -10.9257



52.6040, 7.0972, -36.4867

Sweetspot

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



65.0580, 8.8454, 9.5961



99.6460, 3.6255, 3.8185



63.1870, 9.7678, -6.3030



49.2930, 2.3206, 2.3740



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



65.0580, 8.8454, 9.5961



79.0570, 13.7759, 14.8590



66.4670, 5.1928, 14.4994



38.3530, 1.3050, 1.4444



34.9930, 34.5135, 36.8401



77.8760, 75.9831, 82.5467

Inverse Universe

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



64.8710, -0.9224, 15.8991



78.8120, -1.3863, 24.7209



72.5330, -5.1928, -14.4994



38.3100, -0.1528, 2.3591



34.4730, -3.6842, 61.8522



76.2080, -7.9905, 136.6296

Previews

White Background



This preview shows how the YUV color 65.0580, 8.8454, 9.5961 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 65.0580, 8.8454, 9.5961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

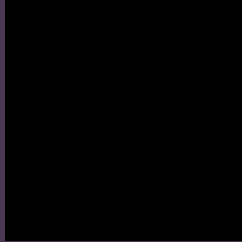
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.0580, 8.8454, 9.5961

Background



This preview shows how black text looks on a background with the YUV color 65.0580, 8.8454, 9.5961.



This preview shows how white text looks on a background with the YUV color 65.0580, 8.8454,

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

65.0580, 8.8454, 9.5961

Protanopia

63.1700, 12.2412, -6.2881

Deuteranopia

63.6820, 9.0308, -3.2291



Tritanopia

64.3430, -0.1691, 7.5922

Trichromacy



Original Color

65.0580, 8.8454, 9.5961

Protanomaly

63.8610, 10.9145, -0.7551

Deuteranomaly

64.3020, 8.7251, 1.4891

Tritanomaly

64.8530, 3.0305, 8.0219

Monochromacy



Original Color

65.0580, 8.8454, 9.5961

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.0580, 8.8454, 9.5961 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(76, 56, 83)` looks like.

```
.text, #text, p{  
    color:rgb(76, 56, 83)  
}
```

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(76, 56, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 56, 83) }
```

Border

The CSS property to change the border of an element to YUV 65.0580, 8.8454, 9.5961 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(76, 56, 83) }
```


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

```
.border{ border-color:rgb(76, 56, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 56, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 56, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 56, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 56, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.0580, 8.8454, 9.5961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 56, 83) }
```

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

```
.background{ background-color: rgb(76, 56,  
83) }
```

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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