

Converting Colors

YUV(65.6450, 8.5560, 9.0813)

Have a look what the booklet for
YUV(65.6450, 8.5560, 9.0813)
contains.

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Color

**YUV(65.6450, 8.5560,
9.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3953
RGB	76, 57, 83
RGB Percent	30%, 22%, 33%
CMY	0.7020, 0.7765, 0.6745
CMYK	0.08, 0.31, 0.00, 0.67
HSL	284°, 19%, 27%
HSV	284°, 31%, 33%
XYZ	6.0050, 5.0873, 8.8491
YIQ	65.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

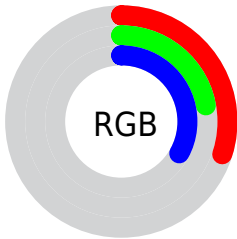
Format	Color
R_{YB}	76, 57, 83
Decimal	4995411
CIE Lab	26.98, 13.87, -12.52
CIE LCh	27, 18.691, 317.925
Yxy	5.0873, 0.3011, 0.2551
Android (android.graphics.Color)	4283185491 (0xFF4C3953)
YUV	65.6450, 8.5560, 9.0813
Hunter-Lab	22.5550, 8.0518, -7.4729




Details

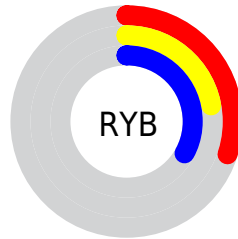
The YUV color **65.6450, 8.5560, 9.0813** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.3550, -8.5560, -9.0813**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.5850, 9.5716, 10.0110**, and **22.4060, 7.6878, 7.5369** is the 20% darker color. If you saturate the color by 10%, you get **60.3510, 11.1660, 11.9702**, and if you desaturate by 10%, it is **70.9390, 5.9461, 6.1925**.

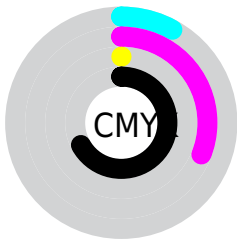
Distribution







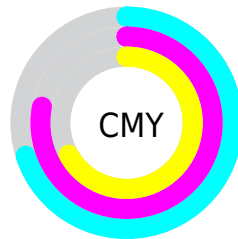
-  Red (30%)
-  Green (22%)
-  Blue (33%)






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



-  Cyan (8%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6450, 8.5560, 9.0813 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 65.6450, 8.5560, 9.0813 by changing the saturation by 10% instead.

■ 65.6450, 8.5560,
9.0813

■ 65.6450, 8.5560,
9.0813

■ 255.0000, 0.0000,
0.0000

■ 43.2320, 8.2666,
8.5665

■ 113.5850, 9.5716,
10.0110

■ 22.4060, 7.6878,
7.5369

■ 138.9980, 9.8610,
10.5258

■ 1.9380, 7.4256,
-1.6996

■ 165.4110, 10.1504,
11.0406

■ 0.0000, 0.0000,
0.0000

■ 192.7100, 10.0030,
11.6553

■ 220.8240, 10.4398,
11.5554

■ 245.0210, 4.9196,

8.7516

■ 65.6450, 8.5560,
9.0813

■ 65.6450, 8.5560,
9.0813

■ 60.3510, 11.1660,
11.9702

■ 70.9390, 5.9461,
6.1925

■ 54.4700, 14.0653,
15.3738

■ 76.8200, 3.0467,
2.7889

■ 48.8770, 16.8226,
17.6479

■ 82.4130, 0.2894,
0.5148

■ 43.5830, 19.4326,
20.5367

■ 87.7070, -2.3206,
-2.3740

■ 37.7020, 22.3319,
23.9403

■ 93.0010, -4.9305,
-5.2629

■ 32.4080, 24.9419,
26.8292

■ 98.8820, -7.8298,
-8.6665

■ 27.7010, 27.2624,
29.2032

■ 104.4750,
-10.5872, -10.9406

■ 109.7690,
-13.1971, -13.8294

■ 115.6500,
-16.0964, -17.2330

Harmonies

Analogous

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



63.8110, 13.4042, -5.9732



65.6450, 8.5560, 9.0813



65.4030, 2.2663, 19.8176

Triad

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



65.6450, 8.5560, 9.0813



63.2330, -13.4259, 12.9507



52.8750, 9.4286, -37.6014

Complementary

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



65.6450, 8.5560, 9.0813



74.3550, -8.5560, -9.0813

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.



57.1450, -0.0715, -23.8062



65.6450, 8.5560, 9.0813



62.2810, -12.9565, 2.3846

Square

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



65.6450, 8.5560, 9.0813



64.0860, -10.3954, 20.9726



59.8710, -7.8244, -10.4109



53.4710, 15.5438, -39.0011

Rectangle

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



65.6450, 8.5560, 9.0813



65.1600, -2.5439, 22.6617



59.8710, -7.8244, -10.4109



54.3980, 6.2128, -32.7980

Sweetspot

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



65.6450, 8.5560, 9.0813



100.5320, 3.1887, 3.9184



64.0730, 9.3310, -6.2030



49.8800, 2.0312, 1.8592



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.



65.6450, 8.5560, 9.0813



79.6440, 13.4865, 14.3442



67.0540, 4.9034, 13.9846



38.3530, 1.3050, 1.4444



34.6940, 34.6609, 36.2254



77.2780, 76.2779, 81.3172

Inverse Universe

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



65.5720, -0.7750, 15.2844



79.5130, -1.2389, 24.1061



72.9460, -4.9034, -13.9846



38.3100, -0.1528, 2.3591



34.5870, -3.2474, 61.7522



76.4360, -7.1169, 136.4296

Previews

White Background



This preview shows how the YUV color 65.6450, 8.5560, 9.0813 looks on a white background.

Color Contrast Check

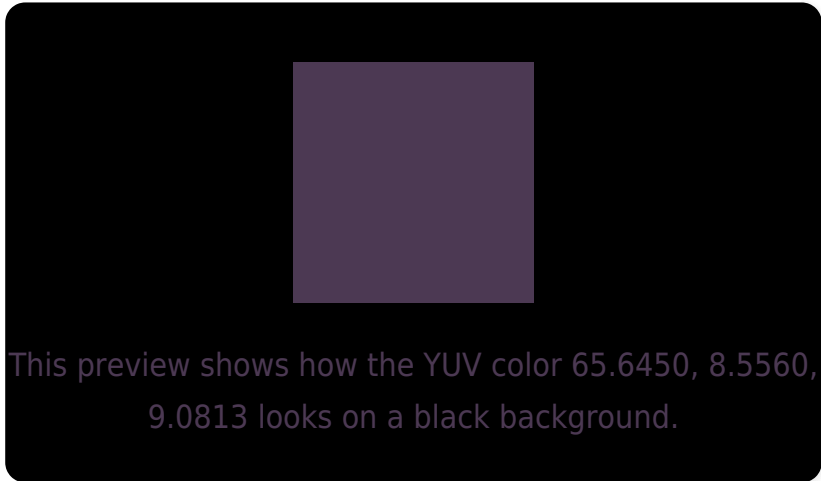
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 65.6450, 8.5560, 9.0813

Background



This preview shows how black text looks on a background with the YUV color 65.6450, 8.5560, 9.0813.

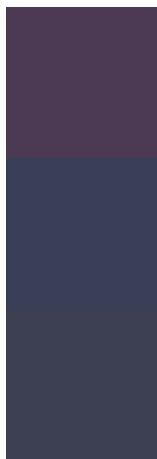


This preview shows how white text looks on a background with the YUV color 65.6450, 8.5560,

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

65.6450, 8.5560, 9.0813

Protanopia

64.0560, 11.8044, -6.1881

Deuteranopia

64.5680, 8.5940, -3.1291



Tritanopia

64.4570, 0.2677, 7.4922

Trichromacy



Original Color

65.6450, 8.5560, 9.0813

Protanomaly

64.7470, 10.4777, -0.6551

Deuteranomaly

64.8890, 8.4357, 0.9743

Tritanomaly

64.9670, 3.4673, 7.9219

Monochromacy



Original Color

65.6450, 8.5560, 9.0813

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6450, 8.5560, 9.0813 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, 57, 83)` looks like.

```
.text, #text, p{  
    color:rgb(76, 57, 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, 57, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 57, 83) }
```

Border

The CSS property to change the border of an element to YUV 65.6450, 8.5560, 9.0813 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, 57, 83) }
```


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

```
.border{ border-color:rgb(76, 57, 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, 57, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 57, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 57, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 57, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.6450, 8.5560, 9.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 57, 83) }
```

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

```
.background{ background-color: rgb(76, 57,  
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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