

Converting Colors

YUV(66.5480, 5.6458, 9.1664)

Have a look what the booklet for
YUV(66.5480, 5.6458, 9.1664)
contains.

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Color

**YUV(66.5480, 5.6458,
9.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3B4E
RGB	77, 59, 78
RGB Percent	30%, 23%, 31%
CMY	0.6980, 0.7686, 0.6941
CMYK	0.01, 0.24, 0.00, 0.69
HSL	297°, 14%, 27%
HSV	297°, 24%, 31%
XYZ	5.9997, 5.2558, 7.9060
YIQ	66.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

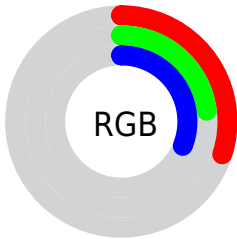
Format	Color
R_{YB}	77, 59, 78
Decimal	5061454
CIE _{Lab}	27.45, 11.79, -8.52
CIE _{LCh}	27, 14.549, 324.147
Yxy	5.2558, 0.3131, 0.2743
Android (android.graphics.Color)	4283251534 (0xFF4D3B4E)
YUV	66.5480, 5.6458, 9.1664
Hunter-Lab	22.9255, 6.5946, -4.3987

Details

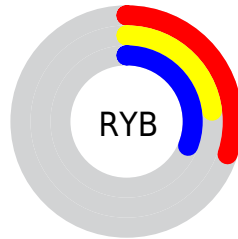
The YUV color **66.5480, 5.6458, 9.1664** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **70.4520, -5.6458, -9.1664**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3740, 6.2246, 10.1960**, and **23.4230, 5.2145, 7.5220** is the 20% darker color. If you saturate the color by 10%, you get **61.8520, 7.9610, 13.2848**, and if you desaturate by 10%, it is **71.2440, 3.3307, 5.0480**.

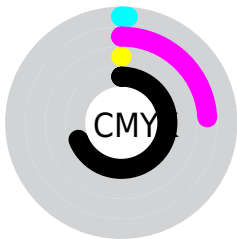
Distribution



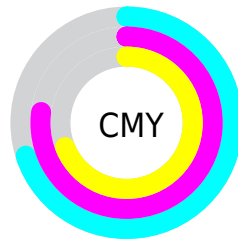
- Red (30%)
- Green (23%)
- Blue (31%)



- Red (30%)
- Yellow (23%)
- Blue (31%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5480, 5.6458, 9.1664 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 66.5480, 5.6458, 9.1664 by changing the saturation by 10% instead.

66.5480, 5.6458,
9.1664

66.5480, 5.6458,
9.1664

255.0000, 0.0000,
0.0000

44.1350, 5.3564,
8.6516

114.3740, 6.2246,
10.1960

23.4230, 5.2145,
7.5220

140.3740, 6.2246,
10.1960

1.1400, 4.3680,
-0.9998

166.7870, 6.5140,
10.7108

0.0000, 0.0000,
0.0000

194.0860, 6.3666,
11.3256

221.6130, 7.0928,
11.7404

246.7820, 4.0515,

■ 66.5480, 5.6458,
9.1664

■ 66.5480, 5.6458,
9.1664

■ 61.8520, 7.9610,
13.2848

■ 71.2440, 3.3307,
5.0480

■ 56.8570, 10.4235,
16.7884

■ 76.2390, 0.8682,
1.5444

■ 52.7480, 12.4492,
20.3920

■ 80.3480, -1.1576,
-2.0592

■ 47.7530, 14.9118,
23.8956

■ 85.3430, -3.6201,
-5.5628

■ 43.0570, 17.2269,
28.0140

■ 90.0390, -5.9352,
-9.6812

■ 38.3610, 19.5420,
32.1324

■ 94.7350, -8.2504,
-13.7996

■ 33.3660, 22.0046,
35.6360

■ 99.7300, -10.7129,
-17.3032

■ 31.0180, 23.1621,
37.6952

■ 103.8390,
-12.7386, -20.9068

■ 108.8340,
-15.2012, -24.4104

Harmonies

Analogous

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



65.5080, 9.6096, -2.1995



66.5480, 5.6458, 9.1664



66.5120, 0.2406, 16.2140

Triad

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



66.5480, 5.6458, 9.1664



64.3080, -10.5048, 9.3769



59.0830, 7.3541, -25.5058

Complementary

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



66.5480, 5.6458, 9.1664



70.4520, -5.6458, -9.1664

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.



60.1070, 0.9332, -19.3878



66.5480, 5.6458, 9.1664



63.1820, -9.4567, -0.1596

Square

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



66.5480, 5.6458, 9.1664



65.3950, -9.0687, 15.4396



62.1530, -5.4984, -9.7812



60.1310, 11.2744, -22.9169

Rectangle

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



66.5480, 5.6458, 9.1664



66.3120, -3.1118, 18.1434



62.1530, -5.4984, -9.7812



59.2250, 5.3121, -23.8763

Sweetspot

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



66.5480, 5.6458, 9.1664



97.8910, 2.0257, 3.6036



61.7530, 8.0098, -2.4144



48.6520, 1.1576, 2.0592



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



66.5480, 5.6458, 9.1664



83.7920, 8.9765, 14.2144



65.9350, 2.0040, 10.5810



35.6520, 1.1576, 2.0592



40.6310, 30.2549, 49.4356



91.1030, 68.4762, 110.4117

Inverse Universe

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



64.7950, -2.3639, 11.5808



81.1980, -3.5486, 18.2434



71.0650, -2.0040, -10.5810



35.3100, -0.1528, 2.3591



31.0680, -12.8515, 62.2074



70.1380, -28.6620, 140.1990

Previews

White Background



This preview shows how the YUV color 66.5480, 5.6458, 9.1664 looks on a white background.

Color Contrast Check

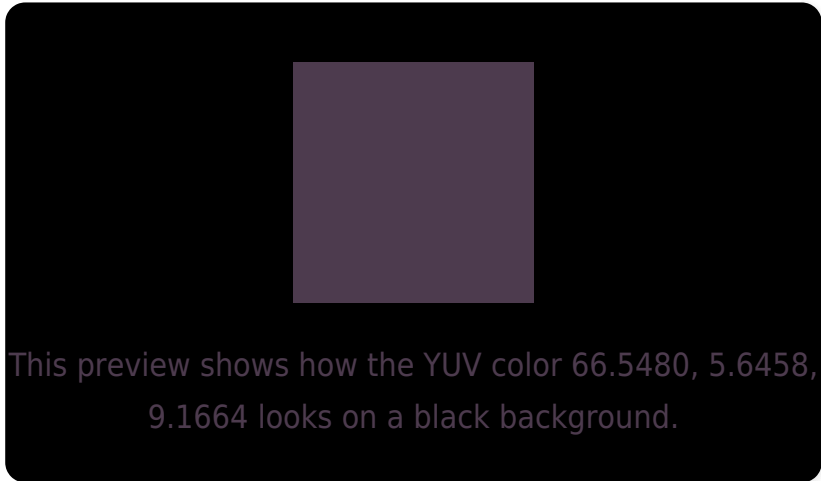
Large Text (above 18pt) WCAG AA ✓ Pass

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

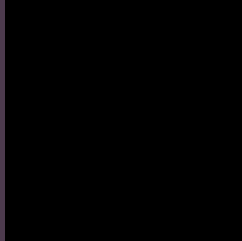
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5480, 5.6458, 9.1664

Background



This preview shows how black text looks on a background with the YUV color 66.5480, 5.6458, 9.1664.



This preview shows how white text looks on a background with the YUV color 66.5480, 5.6458,

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

66.5480, 5.6458, 9.1664

Protanopia

65.1550, 8.3046, -3.6439

Deuteranopia

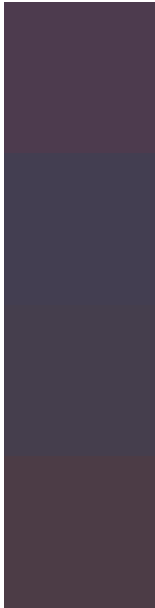
65.1940, 5.8204, -0.1701



Tritanopia

65.7560, 0.1203, 8.1070

Trichromacy



Original Color

66.5480, 5.6458, 9.1664

Protanomaly

65.6610, 7.5621, 1.1743

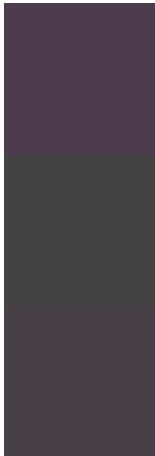
Deuteranomaly

65.8030, 5.5201, 2.8038

Tritanomaly

65.9240, 2.0095, 8.8367

Monochromacy



Original Color

66.5480, 5.6458, 9.1664

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5480, 5.6458, 9.1664 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(77, 59, 78)` looks like.

```
.text, #text, p{  
    color:rgb(77, 59, 78)  
}
```

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(77, 59, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 59, 78) }
```

Border

The CSS property to change the border of an element to YUV 66.5480, 5.6458, 9.1664 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(77, 59, 78) }
```


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

```
.border{ border-color:rgb(77, 59, 78) }
```

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

Here you see how a box with a 4 pixel rgb(77, 59, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 59, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 59, 78);  
box-shadow:4px 4px 4px 4px rgb(77, 59, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5480, 5.6458, 9.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 59, 78) }
```

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

```
.background{ background-color: rgb(77, 59,  
78) }
```

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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