

Converting Colors

YUV(66.8680, 10.4181, 18.5328)

Have a look what the booklet for
YUV(66.8680, 10.4181, 18.5328)
contains.

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Color

**YUV(66.8680, 10.4181,
18.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	583458
RGB	88, 52, 88
RGB Percent	35%, 20%, 35%
CMY	0.6549, 0.7961, 0.6549
CMYK	0.00, 0.41, 0.00, 0.65
HSL	300°, 26%, 27%
HSV	300°, 41%, 35%
XYZ	7.0139, 5.2353, 9.8734
YIQ	66.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

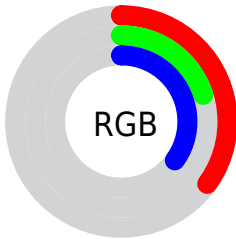
Format	Color
R_{YB}	88, 52, 88
Decimal	5780568
CIE _{Lab}	27.39, 22.68, -15.03
CIE _{LCh}	27, 27.207, 326.455
Yxy	5.2353, 0.3170, 0.2366
Android (android.graphics.Color)	4283970648 (0xFF583458)
YUV	66.8680, 10.4181, 18.5328
Hunter-Lab	22.8807, 14.6769, -9.5680

Details

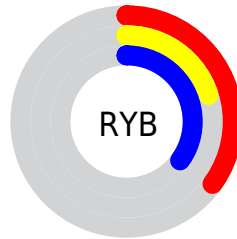
The YUV color **66.8680, 10.4181, 18.5328** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.1320, -10.4181, -18.5328**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9930, 10.8495, 20.1771**, and **21.7430, 9.9867, 16.8884** is the 20% darker color. If you saturate the color by 10%, you get **61.5850, 13.0226, 23.1660**, and if you desaturate by 10%, it is **72.1510, 7.8136, 13.8996**.

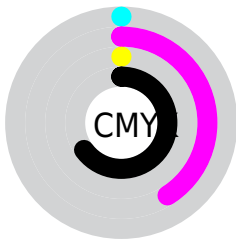
Distribution



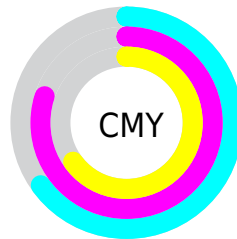
- Red (35%)
- Green (20%)
- Blue (35%)



- Red (35%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (65%)



- Cyan (65%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8680, 10.4181, 18.5328 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 66.8680, 10.4181, 18.5328 by changing the saturation by 10% instead.

66.8680, 10.4181,
18.5328

66.8680, 10.4181,
18.5328

255.0000, 0.0000,
0.0000

44.1560, 10.2761,
17.4032

115.9930, 10.8495,
20.1771

21.7430, 9.9867,
16.8884

141.4060, 11.1388,
20.6919

7.2920, 7.2510,
7.6369

168.2320, 11.7176,
21.7215

0.0000, 0.0000,
0.0000

195.5310, 11.5702,
22.3363

223.3570, 12.1490,
23.3659

242.6730, 6.0772,

10.8108

■ 66.8680, 10.4181,
18.5328

■ 66.8680, 10.4181,
18.5328

■ 61.5850, 13.0226,
23.1660

■ 72.1510, 7.8136,
13.8996

■ 56.3020, 15.6271,
27.7991

■ 77.4340, 5.2090,
9.2664

■ 51.6060, 17.9422,
31.9175

■ 82.1300, 2.8939,
5.1480

■ 46.3230, 20.5468,
36.5507

■ 87.4130, 0.2894,
0.5148

■ 41.0400, 23.1513,
41.1839

■ 92.6960, -2.3151,
-4.1184

■ 36.3440, 25.4664,
45.3023

■ 97.9790, -4.9196,
-8.7516

■ 103.2620, -7.5242,
-13.3848

■ 107.9580, -9.8393,
-17.5032

■ 113.2410,
-12.4438, -22.1364

Harmonies

Analogous

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



65.3860, 18.0507, -2.9695



66.8680, 10.4181, 18.5328



65.5400, 1.2128, 31.0984

Triad

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



66.8680, 10.4181, 18.5328



62.9960, -20.7040, 14.0355



53.4870, 14.5499, -46.9081

Complementary

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



66.8680, 10.4181, 18.5328



73.1320, -10.4181, -18.5328

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.



50.9790, 4.9404, -44.7086



66.8680, 10.4181, 18.5328



60.8090, -17.1608, -2.4635

Square

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



66.8680, 10.4181, 18.5328



64.1100, -16.8162, 27.0905



57.0930, -7.9338, -22.0066



54.1370, 22.1175, -47.4781

Rectangle

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



66.8680, 10.4181, 18.5328



64.8410, -5.3446, 34.3424



57.0930, -7.9338, -22.0066



52.6890, 11.4923, -46.2083

Sweetspot

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



66.8680, 10.4181, 18.5328



106.7820, 4.0515, 7.2072



56.1040, 15.7247, -3.5992



53.7170, 2.6045, 4.6332



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.



66.8680, 10.4181, 18.5328



82.1280, 16.2059, 28.8287



64.8160, 2.5557, 20.3324



40.6520, 1.1576, 2.0592



44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Inverse Universe

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



66.8680, 10.4181, 18.5328



82.1280, 16.2059, 28.8287



75.1840, -2.5557, -20.3324



40.6520, 1.1576, 2.0592



44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 66.8680, 10.4181, 18.5328 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 66.8680, 10.4181, 18.5328 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 66.8680, 10.4181, 18.5328

Background



This preview shows how black text looks on a background with the YUV color 66.8680, 10.4181, 18.5328.



This preview shows how white text looks on a background with the YUV color 66.8680, 10.4181,

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

66.8680, 10.4181, 18.5328

Protanopia

64.8860, 16.3252, -9.5470

Deuteranopia

65.3120, 10.1992, -4.6586



Tritanopia

66.5290, -2.2328, 16.1991

Trichromacy



Original Color

66.8680, 10.4181, 18.5328

Protanomaly

65.6700, 13.9667, 0.2894

Deuteranomaly

66.0680, 10.3195, 3.4484

Tritanomaly

66.6800, 2.1298, 16.9436

Monochromacy



Original Color

66.8680, 10.4181, 18.5328

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.3690, 3.7621, 6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8680, 10.4181, 18.5328 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, 52, 88)` looks like.

```
.text, #text, p{  
    color:rgb(88, 52, 88)  
}
```

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, 52, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 52, 88) }
```

Border

The CSS property to change the border of an element to YUV 66.8680, 10.4181, 18.5328 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, 52, 88) }
```


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

```
.border{ border-color:rgb(88, 52, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 52, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 52, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 52, 88);  
box-shadow:4px 4px 4px 4px rgb(88, 52, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.8680, 10.4181, 18.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 52, 88) }
```

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

```
.background{ background-color: rgb(88, 52,  
88) }
```

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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