

Converting Colors

YUV(68.0910, 5.3781, 1.6742)

Have a look what the booklet for
YUV(68.0910, 5.3781, 1.6742)
contains.

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Color

**YUV(68.0910, 5.3781,
1.6742)**

Conversions

Conversions Part 1

Format	Color
Hex	46414F
RGB	70, 65, 79
RGB Percent	27%, 25%, 31%
CMY	0.7255, 0.7451, 0.6902
CMYK	0.11, 0.18, 0.00, 0.69
HSL	261°, 10%, 28%
HSV	261°, 18%, 31%
XYZ	5.8274, 5.6472, 8.1800
YIQ	68.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

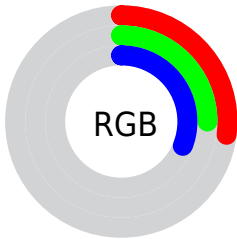
Format	Color
RYB	70, 65, 79
Decimal	4604239
CIELab	28.50, 5.33, -7.66
CIELCh	29, 9.331, 304.830
Yxy	5.6472, 0.2965, 0.2873
Android (android.graphics.Color)	4282794319 (0xFF46414F)
YUV	68.0910, 5.3781, 1.6742
Hunter-Lab	23.7638, 2.1851, -3.7742

Details

The YUV color **68.0910, 5.3781, 1.6742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.9090, -5.3781, -1.6742**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2050, 5.8149, 1.5742**, and **25.5640, 4.6519, 1.2594** is the 20% darker color. If you saturate the color by 10%, you get **61.9000, 8.4303, 2.7187**, and if you desaturate by 10%, it is **74.2820, 2.3260, 0.6297**.

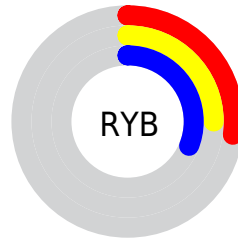
Distribution



Red (27%)

Green (25%)

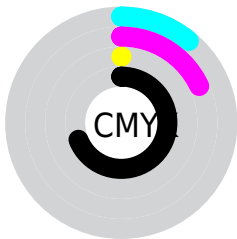
Blue (31%)



Red (27%)

Yellow (25%)

Blue (31%)

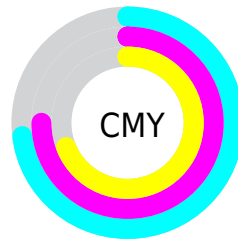


Cyan (11%)

Magenta (18%)

Yellow (0%)

Black (69%)



Cyan (73%)

Magenta (75%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0910, 5.3781, 1.6742 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 68.0910, 5.3781, 1.6742 by changing the saturation by 10% instead.

■ 68.0910, 5.3781,
1.6742

■ 68.0910, 5.3781,
1.6742

■ 255.0000, 0.0000,
0.0000

■ 45.9770, 4.9413,
1.7742

■ 116.2050, 5.8149,
1.5742

■ 25.5640, 4.6519,
1.2594

■ 141.6180, 6.1043,
2.0890

■ 1.3680, 5.2416,
-1.1997

■ 168.0310, 6.3937,
2.6038

■ 0.0000, 0.0000,
0.0000

■ 195.6180, 6.1043,
2.0890

■ 223.1450, 6.8305,
2.5038

■ 250.8910, 2.0257,

3.6036

■ 68.0910, 5.3781,
1.6742

■ 68.0910, 5.3781,
1.6742

■ 61.9000, 8.4303,
2.7187

■ 74.2820, 2.3260,
0.6297

■ 55.7090, 11.4825,
3.7632

■ 80.4730, -0.7262,
-0.4148

■ 49.5180, 14.5346,
4.8077

■ 86.6640, -3.7784,
-1.4593

■ 43.3270, 17.5868,
5.8522

■ 92.8550, -6.8305,
-2.5038

■ 37.1360, 20.6390,
6.8967

■ 99.0460, -9.8827,
-3.5483

■ 31.5320, 23.4017,
7.4264

■ 104.6500,
-12.6455, -4.0781

■ 25.0420, 26.6013,
7.8562

■ 111.1400,
-15.8450, -4.5078

■ 18.8510, 29.6535,
8.9007

■ 117.3310,
-18.8972, -5.5523

■ 17.3780, 30.3796,
9.3155

■ 123.5220,
-21.9493, -6.5968

Harmonies

Analogous

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



66.8020, 6.9996, -5.0884



68.0910, 5.3781, 1.6742



68.6250, 2.1569, 8.2219

Triad

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



68.0910, 5.3781, 1.6742



67.6330, -6.7211, 9.0919



64.3790, 1.7852, -12.6104

Complementary

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



68.0910, 5.3781, 1.6742



75.9090, -5.3781, -1.6742

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.



65.3750, -2.1569, -8.2219



68.0910, 5.3781, 1.6742



66.8990, -6.8522, 4.4736

Square

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



68.0910, 5.3781, 1.6742



68.2250, -4.5479, 12.0807



65.9090, -5.3781, -1.6742



64.5790, 5.1376, -14.5398

Rectangle

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



68.0910, 5.3781, 1.6742



68.4790, 0.2569, 10.9809



65.9090, -5.3781, -1.6742



64.4500, 0.7641, -11.7957

Sweetspot

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



68.0910, 5.3781, 1.6742



98.1680, 1.8892, 0.7297



71.8790, 3.5107, -6.0329



48.6410, 1.1630, 0.3148



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.



68.0910, 5.3781, 1.6742



85.4870, 8.1409, 2.2039



70.1840, 4.3463, 5.9776



35.0540, 1.4524, 0.8296



22.3920, 39.2467, 11.9342



50.7380, 88.3762, 27.4168

Inverse Universe

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



70.2120, 1.8675, 7.7071



88.7610, 2.5828, 11.6106



73.8160, -4.3463, -5.9776



35.5380, 0.7208, 2.1592



38.0220, 13.7932, 56.1087



85.6420, 30.7425, 126.6020

Previews

White Background



This preview shows how the YUV color 68.0910, 5.3781, 1.6742 looks on a white background.

Color Contrast Check

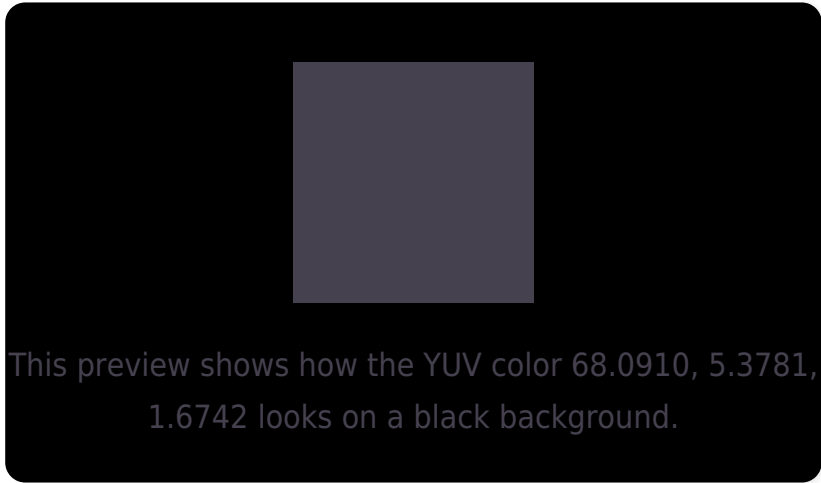
Large Text (above 18pt) WCAG AA ✓ Pass

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

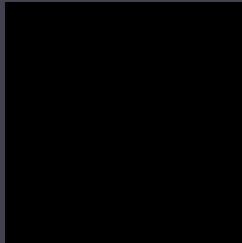
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0910, 5.3781, 1.6742

Background



This preview shows how black text looks on a background with the YUV color 68.0910, 5.3781, 1.6742.

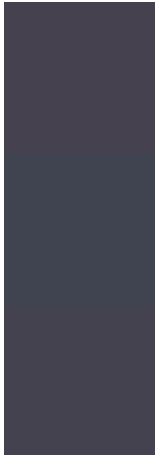


This preview shows how white text looks on a background with the YUV color 68.0910, 5.3781,

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

68.0910, 5.3781, 1.6742

Protanopia

67.5850, 6.1206, -3.1440

Deuteranopia

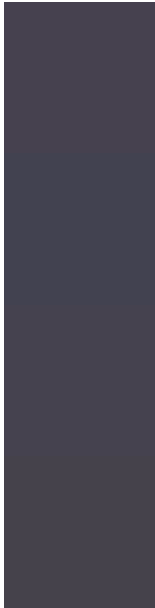
68.0800, 5.3836, -0.0702



Tritanopia

67.5810, 2.1786, 1.2445

Trichromacy



Original Color

68.0910, 5.3781, 1.6742

Protanomaly

67.5960, 6.1152, -1.3997

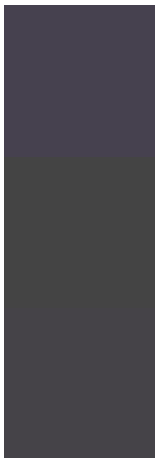
Deuteranomaly

68.3790, 5.2362, 0.5446

Tritanomaly

67.9230, 3.4890, 0.9445

Monochromacy



Original Color

68.0910, 5.3781, 1.6742

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0910, 5.3781, 1.6742 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(70, 65, 79)` looks like.

```
.text, #text, p{  
    color:rgb(70, 65, 79)  
}
```

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(70, 65, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 65, 79) }
```

Border

The CSS property to change the border of an element to YUV 68.0910, 5.3781, 1.6742 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(70, 65, 79) }
```


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

```
.border{ border-color:rgb(70, 65, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 65, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 65, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 65, 79);  
box-shadow:4px 4px 4px 4px rgb(70, 65, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.0910, 5.3781, 1.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 65, 79) }
```

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

```
.background{ background-color: rgb(70, 65,  
79) }
```

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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