

Converting Colors

YUV(68.9220, 8.4195, 6.2074)

Have a look what the booklet for
YUV(68.9220, 8.4195, 6.2074)
contains.

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Color

**YUV(68.9220, 8.4195,
6.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3E56
RGB	76, 62, 86
RGB Percent	30%, 24%, 34%
CMY	0.7020, 0.7569, 0.6627
CMYK	0.12, 0.28, 0.00, 0.66
HSL	275°, 16%, 29%
HSV	275°, 28%, 34%
XYZ	6.3828, 5.6536, 9.5589
YIQ	68.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

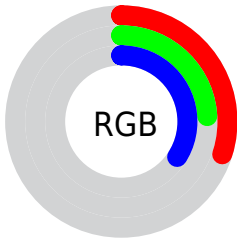
Format	Color
RYB	76, 62, 86
Decimal	4996694
CIELab	28.52, 11.33, -12.13
CIElCh	29, 16.598, 313.055
Yxy	5.6536, 0.2956, 0.2618
Android (android.graphics.Color)	4283186774 (0xFF4C3E56)
YUV	68.9220, 8.4195, 6.2074
Hunter-Lab	23.7774, 6.3064, -7.1915

Details

The YUV color **68.9220, 8.4195, 6.2074** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.0780, -8.4195, -6.2074**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4490, 9.1456, 6.6222**, and **25.6830, 7.5513, 4.6630** is the 20% darker color. If you saturate the color by 10%, you get **62.4430, 11.6136, 8.3815**, and if you desaturate by 10%, it is **75.4010, 5.2253, 4.0333**.

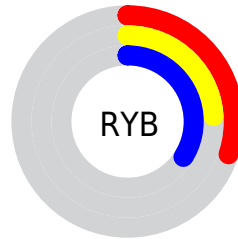
Distribution



Red (30%)

Green (24%)

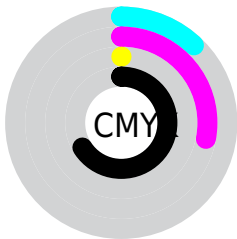
Blue (34%)



Red (30%)

Yellow (24%)

Blue (34%)

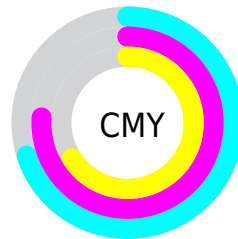


Cyan (12%)

Magenta (28%)

Yellow (0%)

Black (66%)



Cyan (70%)

Magenta (76%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9220, 8.4195, 6.2074 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 68.9220, 8.4195, 6.2074 by changing the saturation by 10% instead.

68.9220, 8.4195,
6.2074

68.9220, 8.4195,
6.2074

255.0000, 0.0000,
0.0000

46.5090, 8.1301,
5.6926

117.4490, 9.1456,
6.6222

25.6830, 7.5513,
4.6630

142.8620, 9.4350,
7.1370

2.8780, 8.4411,
-0.7700

169.2750, 9.7244,
7.6518

0.0000, 0.0000,
0.0000

196.3890, 10.1612,
7.5518

224.6880, 10.0138,
8.1666

248.5430, 3.1833,

5.6628

■ 68.9220, 8.4195,
6.2074

■ 68.9220, 8.4195,
6.2074

■ 62.4430, 11.6136,
8.3815

■ 75.4010, 5.2253,
4.0333

■ 56.8500, 14.3709,
10.6555

■ 80.9940, 2.4680,
1.7593

■ 50.3710, 17.5651,
12.8296

■ 87.4730, -0.7262,
-0.4148

■ 44.7780, 20.3224,
15.1037

■ 93.0660, -3.4835,
-2.6889

■ 38.2990, 23.5166,
17.2778

■ 99.5450, -6.6777,
-4.8630

■ 31.8200, 26.7107,
19.4519

■ 106.0240, -9.8718,
-7.0370

■ 26.2270, 29.4681,
21.7259

■ 111.6170,
-12.6292, -9.3111

■ 24.7540, 30.1943,
22.1407

■ 118.0960,
-15.8233, -11.4852

■ 123.6890,
-18.5807, -13.7593

Harmonies

Analogous

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



67.4580, 12.0992, -7.4177



68.9220, 8.4195, 6.2074



69.4950, 2.7140, 16.2289

Triad

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



68.9220, 8.4195, 6.2074



66.9880, -11.8261, 13.1655



60.1320, 6.3439, -28.1798

Complementary

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



68.9220, 8.4195, 6.2074



79.0780, -8.4195, -6.2074

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.



62.4230, -1.6875, -18.7880



68.9220, 8.4195, 6.2074



65.9330, -11.7990, 4.4438

Square

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



68.9220, 8.4195, 6.2074



67.8300, -8.7902, 19.4431



64.4800, -8.1246, -7.4370



59.9020, 11.8803, -30.6091

Rectangle

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



68.9220, 8.4195, 6.2074



69.0780, -1.5175, 20.1026



64.4800, -8.1246, -7.4370



60.7580, 3.5703, -25.2208

Sweetspot

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



68.9220, 8.4195, 6.2074



105.5210, 3.1941, 2.1741



70.6060, 7.5892, -7.5475



51.8800, 2.0312, 1.8592



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



68.9220, 8.4195, 6.2074



85.7960, 12.9186, 9.8259



71.6840, 6.0718, 12.5551



40.3530, 1.3050, 1.4444



30.7360, 37.5982, 27.4185



67.7530, 82.4528, 60.7296

Inverse Universe

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



70.3160, 0.8302, 13.7549



87.8870, 1.5347, 21.1471



76.3160, -6.0718, -12.5551



40.4240, 0.2840, 2.2592



37.1230, 3.8834, 61.2821



81.4370, 8.1656, 134.6748

Previews

White Background



This preview shows how the YUV color 68.9220, 8.4195, 6.2074 looks on a white background.

Color Contrast Check

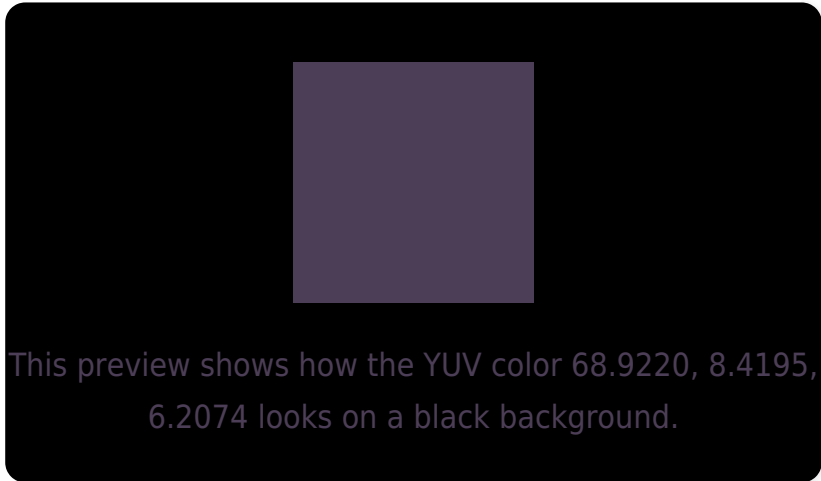
Large Text (above 18pt) WCAG AA ✓ Pass

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

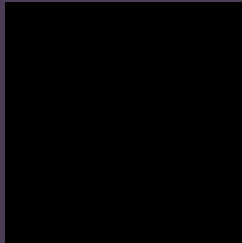
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9220, 8.4195, 6.2074

Background



This preview shows how black text looks on a background with the YUV color 68.9220, 8.4195, 6.2074.

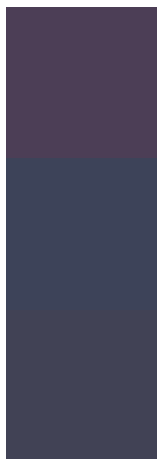


This preview shows how white text looks on a background with the YUV color 68.9220, 8.4195,

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

68.9220, 8.4195, 6.2074

Protanopia

67.7140, 10.4940, -5.8882

Deuteranopia

67.8670, 8.4466, -2.5144



Tritanopia

67.9620, 1.0047, 4.4183

Trichromacy



Original Color

68.9220, 8.4195, 6.2074

Protanomaly

67.9210, 9.8989, -1.6847

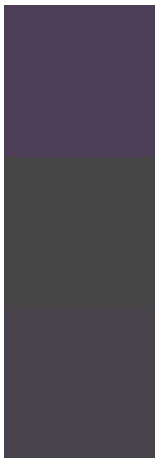
Deuteranomaly

68.4760, 8.1463, 0.4595

Tritanomaly

68.3580, 3.7675, 4.9480

Monochromacy



Original Color

68.9220, 8.4195, 6.2074

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9220, 8.4195, 6.2074 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, 62, 86)` looks like.

```
.text, #text, p{  
  color:rgb(76, 62, 86)  
}
```

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, 62, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 62, 86) }
```

Border

The CSS property to change the border of an element to YUV 68.9220, 8.4195, 6.2074 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, 62, 86) }
```


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

```
.border{ border-color:rgb(76, 62, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 62, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 62, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 62, 86);  
box-shadow:4px 4px 4px 4px rgb(76, 62, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9220, 8.4195, 6.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 62, 86) }
```

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

```
.background{ background-color: rgb(76, 62,  
86) }
```

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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