

Converting Colors

YUV(68.6970, 19.8694, 20.4367)

Have a look what the booklet for
YUV(68.6970, 19.8694, 20.4367)
contains.

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Color

**YUV(68.6970, 19.8694,
20.4367)**

Conversions

Conversions Part 1	
Format	Color
Hex	5C316D
RGB	92, 49, 109
RGB Percent	36%, 19%, 43%
CMY	0.6392, 0.8078, 0.5725
CMYK	0.16, 0.55, 0.00, 0.57
HSL	283°, 38%, 31%
HSV	283°, 55%, 43%
XYZ	8.2723, 5.5761, 15.1083
YIQ	68.6970, 6.3680, 27.7760

Conversions

Conversions Part 2

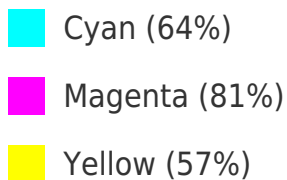
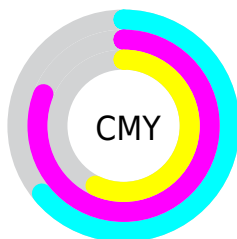
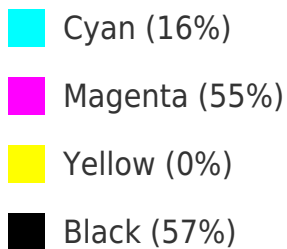
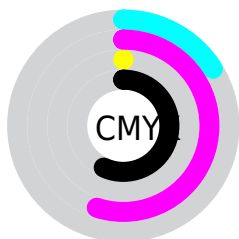
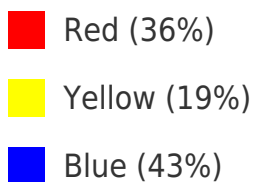
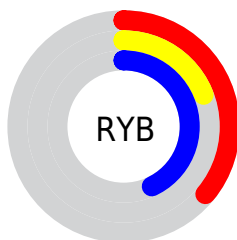
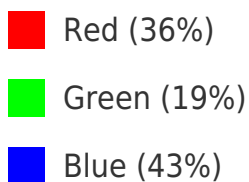
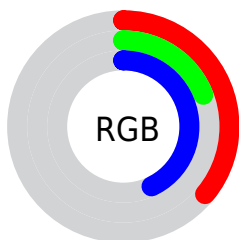
Format	Color
RYB	92, 49, 109
Decimal	6041965
CIELab	28.32, 30.56, -27.13
CIELCh	28, 40.868, 318.399
Yxy	5.5761, 0.2857, 0.1926
Android (android.graphics.Color)	4284232045 (0xFF5C316D)
YUV	68.6970, 19.8694, 20.4367
Hunter-Lab	23.6137, 21.2075, -21.4048

Details

The YUV color **68.6970, 19.8694, 20.4367** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.3030, -19.8694, -20.4367**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3490, 21.0269, 22.4959**, and **21.5720, 19.4380, 18.7924** is the 20% darker color. If you saturate the color by 10%, you get **61.3430, 23.4949, 24.2552**, and if you desaturate by 10%, it is **76.0510, 16.2439, 16.6183**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YUV color 68.6970, 19.8694, 20.4367 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 68.6970, 19.8694, 20.4367 by changing the saturation by 10% instead.


 68.6970, 19.8694,
20.4367


 68.6970, 19.8694,
20.4367


 255.0000, 0.0000,
0.0000


 44.8710, 19.2906,
19.4071


 118.3490, 21.0269,
22.4959


 21.5720, 19.4380,
18.7924

 144.1750, 21.6057,
23.5255


 11.6220, 13.4974,
10.8555

 171.5880, 21.8951,
24.0403

 2.4110, 6.6994,
-2.1144

 199.0010, 22.1845,
24.5551

 0.0000, 0.0000,
0.0000

 224.4760, 15.0483,
26.7695

 241.4990, 6.6560,

11.8404

68.6970, 19.8694,
20.4367

68.6970, 19.8694,
20.4367

61.3430, 23.4949,
24.2552

76.0510, 16.2439,
16.6183

53.9890, 27.1204,
28.0736

83.4050, 12.6183,
12.7998

46.6350, 30.7459,
31.8921

90.7590, 8.9928,
8.9814

39.2810, 34.3715,
35.7106

98.1130, 5.3673,
5.1629

35.7480, 36.1132,
37.0550

105.4670, 1.7418,
1.3444

112.5330, -1.7418,
-1.3444

■ 119.8870, -5.3673,
-5.1629

■ 127.2410, -8.9928,
-8.9814

■ 134.5950,
-12.6183, -12.7998

Harmonies

Analogous

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



63.4080, 31.3509, -22.2828



68.6970, 19.8694, 20.4367



64.6480, 7.5685, 45.9127

Triad

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



68.6970, 19.8694, 20.4367



63.3150, -31.2143, 25.1567



57.3510, 14.1240, -50.2968

Complementary

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



68.6970, 19.8694, 20.4367



89.3030, -19.8694, -20.4367

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.



53.0020, -0.0010, -46.4828



68.6970, 19.8694, 20.4367



60.5140, -29.8334, 2.1802

Square

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



68.6970, 19.8694, 20.4367



63.3570, -21.3750, 42.6599



54.1710, -16.3533, -28.2140



59.2550, 26.4963, -51.9666

Rectangle

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



68.6970, 19.8694, 20.4367



62.5750, -1.7625, 52.1157



54.1710, -16.3533, -28.2140



56.0970, 9.3192, -49.1971

Sweetspot

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



68.6970, 19.8694, 20.4367



126.8190, 7.9772, 8.0517



65.8190, 21.2882, -14.7503



61.5860, 4.6411, 4.7481



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



68.6970, 19.8694, 20.4367



79.7490, 31.1827, 31.7921



72.2980, 11.6851, 32.1877



49.8800, 2.0312, 1.8592



38.4540, 38.7232, 39.9438



80.2550, 81.2193, 83.0914

Inverse Universe

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



68.8780, -1.4189, 35.1870



80.0700, -2.4995, 55.1896



85.7020, -11.6851, -32.1877



50.0220, -0.0108, 3.4887



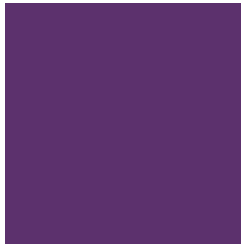
38.7450, -2.8323, 68.6296



81.1210, -5.9757, 143.7219

Previews

White Background



This preview shows how the YUV color 68.6970, 19.8694, 20.4367 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 68.6970, 19.8694, 20.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

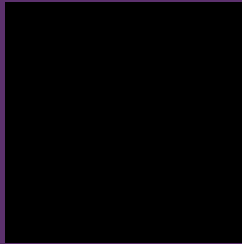
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.6970, 19.8694, 20.4367

Background



This preview shows how black text looks on a background with the YUV color 68.6970, 19.8694, 20.4367.



This preview shows how white text looks on a background with the YUV color 68.6970, 19.8694,

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

68.6970, 19.8694, 20.4367

Protanopia

63.4680, 30.3353, -23.2124

Deuteranopia

65.4660, 19.9833, -16.1947



Tritanopia

68.0450, -1.5012, 14.8695

Trichromacy



Original Color

68.6970, 19.8694, 20.4367

Protanomaly

65.2420, 26.5027, -7.2282

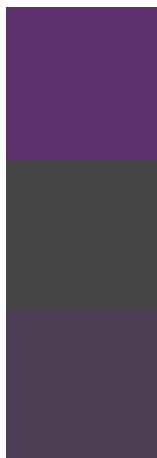
Deuteranomaly

66.2550, 20.0873, -2.8546

Tritanomaly

68.4180, 6.2029, 17.1734

Monochromacy



Original Color

68.6970, 19.8694, 20.4367

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9930, 7.3985, 7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6970, 19.8694, 20.4367 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(92, 49, 109)` looks like.

```
.text, #text, p{  
    color:rgb(92, 49, 109)  
}
```

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(92, 49, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 49, 109) }
```

Border

The CSS property to change the border of an element to YUV 68.6970, 19.8694, 20.4367 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(92, 49, 109) }
```


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

```
.border{ border-color:rgb(92, 49, 109) }
```

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

Here you see how a box with a 4 pixel rgb(92, 49, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 49, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 49, 109);  
box-shadow:4px 4px 4px 4px rgb(92, 49,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 68.6970, 19.8694, 20.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 49, 109) }
```

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

```
.background{ background-color: rgb(92, 49,  
109) }
```

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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