

Converting Colors

YUV(70.8960, 4.9813, 82.5292)

Have a look what the booklet for
YUV(70.8960, 4.9813, 82.5292)
contains.

YUV(70.8960, 4.9813, 82.5292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.8960, 4.9813,
82.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	A51551
RGB	165, 21, 81
RGB Percent	65%, 8%, 32%
CMY	0.3529, 0.9176, 0.6824
CMYK	0.00, 0.87, 0.51, 0.35
HSL	335°, 77%, 36%
HSV	335°, 87%, 65%
XYZ	17.2704, 9.1297, 8.6365
YIQ	70.8960, 66.5640, 49.1880

Conversions

Conversions Part 2

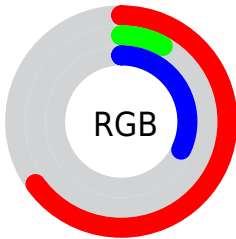
Format	Color
R_{YB}	165, 21, 81
Decimal	10818897
CIE Lab	36.23, 58.06, 4.12
CIE LCh	36, 58.203, 4.063
Yxy	9.1297, 0.4929, 0.2606
Android (android.graphics.Color)	4289008977 (0xFFA51551)
YUV	70.8960, 4.9813, 82.5292
Hunter-Lab	30.2155, 49.1491, 4.2039

Details

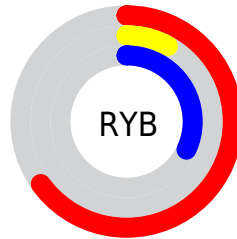
The YUV color **70.8960, 4.9813, 82.5292** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **115.1040, -4.9813, -82.5292**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9900, -0.9811, 81.5698**, and **36.2110, 0.3890, 62.0820** is the 20% darker color. If you saturate the color by 10%, you get **60.3640, 5.2435, 91.7658**, and if you desaturate by 10%, it is **82.0150, 4.4296, 72.7778**.

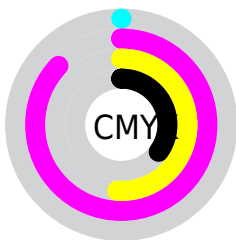
Distribution



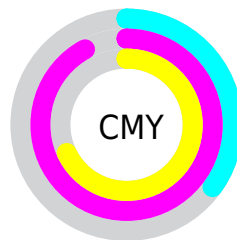
- Red (65%)
- Green (8%)
- Blue (32%)



- Red (65%)
- Yellow (8%)
- Blue (32%)



- Cyan (0%)
- Magenta (87%)
- Yellow (51%)
- Black (35%)




- Cyan (35%)
- Magenta (92%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.8960, 4.9813, 82.5292 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 70.8960, 4.9813, 82.5292 by changing the saturation by 10% instead.


 70.8960, 4.9813,
82.5292

 70.8960, 4.9813,
82.5292


255.0000, 0.0000,
0.0000

 47.2760, 5.2869,
77.8109


 131.9900, -0.9811,
81.5698


 36.2110, 0.3890,
62.0820


 160.3600, -2.1495,
82.9993


 25.1460, -4.5090,
46.3530

 179.8740, 1.5411,
65.8855

 15.4770, -6.6442,
31.1537

 199.3880, 5.2317,
48.7717

 0.0000, 0.0000,
0.0000

 219.7170, 9.5065,
30.9432

 238.5640, 8.1029,

14.4144

■ 70.8960, 4.9813,
82.5292

■ 70.8960, 4.9813,
82.5292

■ 60.3640, 5.2435,
91.7658

■ 82.0150, 4.4296,
72.7778

■ 57.2010, 5.8169,
94.5397

■ 92.4330, 3.7305,
63.6413

■ 103.5520, 3.1789,
53.8899

■ 113.9700, 2.4798,
44.7533

■ 125.0890, 1.9281,
35.0019

■ 135.6210, 1.6658,
25.7654

■ 146.6260, 0.6774,
16.1140

■ 157.1580, 0.4151,
6.8774

■ 168.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



81.9000, 22.2343, 55.3387



70.8960, 4.9813, 82.5292



76.0110, -19.7254, 73.6584

Triad

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



70.8960, 4.9813, 82.5292



71.5900, -35.2939, -19.8114



78.6670, 45.0272, -68.9910

Complementary

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



70.8960, 4.9813, 82.5292



115.1040, -4.9813, -82.5292

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.



77.2530, 29.4553, -67.7509



70.8960, 4.9813, 82.5292



65.1350, -11.8986, -57.1234

Square

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



70.8960, 4.9813, 82.5292



79.4960, -39.1915, 17.1050



72.0090, 9.3626, -63.1519



72.7630, 52.8678, -63.8132

Rectangle

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



70.8960, 4.9813, 82.5292



77.9880, -38.4481, 58.7695



72.0090, 9.3626, -63.1519



78.8150, 40.5172, -69.1208

Sweetspot

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



70.8960, 4.9813, 82.5292



178.0670, 1.9390, 31.5132



62.5320, 50.5167, 37.2444



85.4630, 1.2507, 18.8879



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



70.8960, 4.9813, 82.5292



74.1320, 7.3299, 122.6642



71.1000, -24.6993, 82.3503



76.1470, 0.4205, 5.1331



50.3090, 5.2707, 83.0440



6.1800, 0.4043, 10.3661

Inverse Universe

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



70.8960, 4.9813, 82.5292



74.1320, 7.3299, 122.6642



114.9000, 24.6993, -82.3503



76.1470, 0.4205, 5.1331



50.3090, 5.2707, 83.0440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 70.8960, 4.9813, 82.5292 looks on a white background.

Color Contrast Check

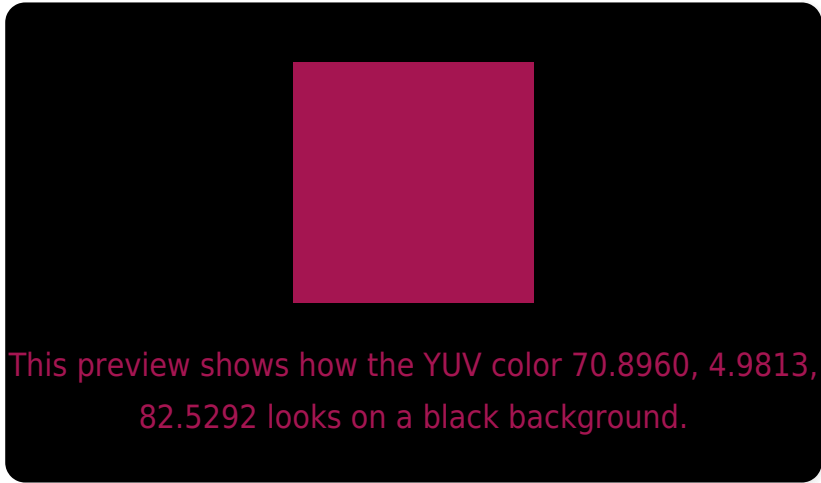
Large Text (above 18pt) WCAG AA ✓ Pass

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

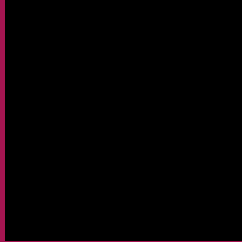
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8960, 4.9813, 82.5292

Background



This preview shows how black text looks on a background with the YUV color 70.8960, 4.9813, 82.5292.



This preview shows how white text looks on a background with the YUV color 70.8960, 4.9813,

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

70.8960, 4.9813, 82.5292

Protanopia

87.0990, 13.2622, -7.1028

Deuteranopia

87.6440, -6.7265, 10.8362



Tritanopia

74.6740, -18.5733, 77.4619

Trichromacy



Original Color

70.8960, 4.9813, 82.5292

Protanomaly

80.9120, 10.3964, 25.5102

Deuteranomaly

81.6610, -2.2979, 37.1313

Tritanomaly

73.2750, -9.9956, 79.5658

Monochromacy



Original Color

70.8960, 4.9813, 82.5292

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0560, 1.9444, 29.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8960, 4.9813, 82.5292 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(165, 21, 81)` looks like.

```
.text, #text, p{  
    color:rgb(165, 21, 81)  
}
```

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(165, 21, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 21, 81) }
```

Border

The CSS property to change the border of an element to YUV 70.8960, 4.9813, 82.5292 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(165, 21, 81) }
```


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

```
.border{ border-color:rgb(165, 21, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 21, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 21, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 21, 81);  
box-shadow:4px 4px 4px 4px rgb(165, 21,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 70.8960, 4.9813, 82.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 21, 81) }
```

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

```
.background{ background-color: rgb(165, 21,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor