

Converting Colors

YUV(68.9490, 11.3641, 88.6217)

Have a look what the booklet for
YUV(68.9490, 11.3641, 88.6217)
contains.

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Color

**YUV(68.9490, 11.3641,
88.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0D5C
RGB	170, 13, 92
RGB Percent	67%, 5%, 36%
CMY	0.3333, 0.9490, 0.6392
CMYK	0.00, 0.92, 0.46, 0.33
HSL	330°, 86%, 36%
HSV	330°, 92%, 67%
XYZ	18.6533, 9.6066, 10.9963
YIQ	68.9490, 68.2130, 57.8530

Conversions

Conversions Part 2

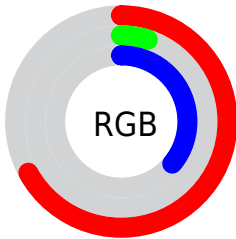
Format	Color
RYB	170, 13, 92
Decimal	11144540
CIELab	37.13, 61.57, -1.54
CIElCh	37, 61.588, 358.567
Yxy	9.6066, 0.4752, 0.2447
Android (android.graphics.Color)	4289334620 (0xFFAA0D5C)
YUV	68.9490, 11.3641, 88.6217
Hunter-Lab	30.9945, 53.1852, 0.6611

Details

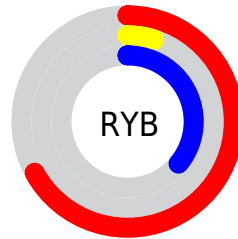
The YUV color **68.9490, 11.3641, 88.6217** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **114.0510, -11.3641, -88.6217**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2660, 3.8129, 83.9587**, and **38.8460, 4.0199, 64.1561** is the 20% darker color. If you saturate the color by 10%, you get **60.6340, 12.5054, 95.9140**, and if you desaturate by 10%, it is **79.8400, 9.9389, 79.0703**.

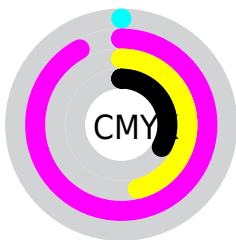
Distribution



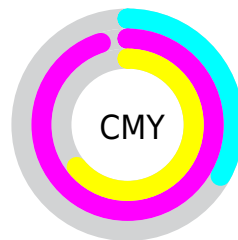
- Red (67%)
- Green (5%)
- Blue (36%)



- Red (67%)
- Yellow (5%)
- Blue (36%)



- Cyan (0%)
- Magenta (92%)
- Yellow (46%)
- Black (33%)





- Cyan (33%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 68.9490, 11.3641, 88.6217 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 68.9490, 11.3641, 88.6217 by changing the saturation by 10% instead.

 68.9490, 11.3641,
88.6217


 68.9490, 11.3641,
88.6217


255.0000, 0.0000,
0.0000


 50.0250, 9.3547,
79.7851


 134.2660, 3.8129,
83.9587

 38.8460, 4.0199,
64.1561


 161.1410, 3.3815,
82.3143


 27.7810, -0.8780,
48.4271

 180.7690, 7.5089,
65.1006

 17.2710, -7.5286,
34.8423

 200.8700, 10.9101,
47.4720

 4.4850, -2.2111,
9.2217

 221.1990, 15.1849,
29.6435

 0.0000, 0.0000,
0.0000

 238.5640, 8.1029,

14.4144

■ 68.9490, 11.3641,
88.6217

■ 68.9490, 11.3641,
88.6217

■ 60.6340, 12.5054,
95.9140

■ 79.8400, 9.9389,
79.0703

■ 90.8450, 8.9504,
69.4189

■ 101.7360, 7.5252,
59.8675

■ 112.7410, 6.5367,
50.2161

■ 123.6320, 5.1114,
40.6647

■ 134.6370, 4.1230,
31.0134

■ 145.5280, 2.6977,
21.4619

■ 156.5330, 1.7092,
11.8106

■ 167.4240, 0.2840,
2.2592

Harmonies

Analogous

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



85.1320, 27.0499, 50.7502



68.9490, 11.3641, 88.6217



74.2170, -15.3900, 83.1247

Triad

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



68.9490, 11.3641, 88.6217



75.4660, -37.2047, -13.5637



81.2430, 44.7432, -71.2501

Complementary

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



68.9490, 11.3641, 88.6217



114.0510, -11.3641, -88.6217

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.



78.6720, 27.2767, -68.9953



68.9490, 11.3641, 88.6217



65.0550, -17.2821, -57.0532

Square

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



68.9490, 11.3641, 88.6217



82.4860, -40.6656, 23.2528



72.8580, 5.0000, -63.8965



77.1970, 54.6259, -67.7018

Rectangle

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



68.9490, 11.3641, 88.6217



78.2540, -35.1282, 67.3062



72.8580, 5.0000, -63.8965



81.2770, 39.7964, -71.2799

Sweetspot

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



68.9490, 11.3641, 88.6217



182.0720, 4.4015, 35.0169



53.6220, 57.3744, 31.0265



87.5280, 2.6977, 21.4619



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



68.9490, 11.3641, 88.6217



79.1460, 16.1970, 125.2830



60.2850, -21.8325, 96.2201



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Inverse Universe

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



68.9490, 11.3641, 88.6217



79.1460, 16.1970, 125.2830



122.7150, 21.8325, -96.2201



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 68.9490, 11.3641, 88.6217 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

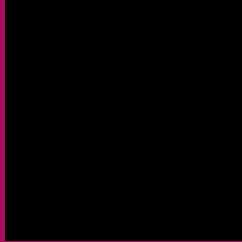
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9490, 11.3641, 88.6217

Background



This preview shows how black text looks on a background with the YUV color 68.9490, 11.3641, 88.6217.



This preview shows how white text looks on a background with the YUV color 68.9490, 11.3641,

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

68.9490, 11.3641, 88.6217

Protanopia

89.1290, 21.1354, -12.3911

Deuteranopia

90.0720, -2.5005, 8.7069



Tritanopia

76.6850, -18.5787, 79.2063

Trichromacy



Original Color

68.9490, 11.3641, 88.6217

Protanomaly

82.0350, 17.2377, 24.5253

Deuteranomaly

82.0400, 2.9383, 37.6759

Tritanomaly

73.8670, -7.8224, 82.5546

Monochromacy



Original Color

68.9490, 11.3641, 88.6217

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2350, 3.8281, 32.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9490, 11.3641, 88.6217 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(170, 13, 92)` looks like.

```
.text, #text, p{  
    color:rgb(170, 13, 92)  
}
```

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(170, 13, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 13, 92) }
```

Border

The CSS property to change the border of an element to YUV 68.9490, 11.3641, 88.6217 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(170, 13, 92) }
```


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

```
.border{ border-color:rgb(170, 13, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 13, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 13, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 13, 92);  
box-shadow:4px 4px 4px 4px rgb(170, 13,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 68.9490, 11.3641, 88.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 13, 92) }
```

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

```
.background{ background-color: rgb(170, 13,  
92) }
```

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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