

Converting Colors

YUV(61.9510, -8.8498, 38.6310)

Have a look what the booklet for
YUV(61.9510, -8.8498, 38.6310)
contains.

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Color

**YUV(61.9510, -8.8498,
38.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	6A2B2C
RGB	106, 43, 44
RGB Percent	42%, 17%, 17%
CMY	0.5843, 0.8314, 0.8275
CMYK	0.00, 0.59, 0.58, 0.58
HSL	359°, 42%, 29%
HSV	359°, 59%, 42%
XYZ	7.2624, 4.9738, 2.9601
YIQ	61.9510, 37.2270, 13.6670

Conversions

Conversions Part 2

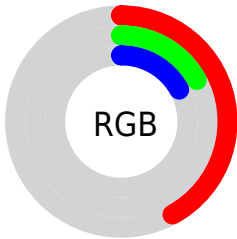
Format	Color
R_{YB}	106, 43, 44
Decimal	6957868
CIE Lab	26.66, 28.29, 13.41
CIE LCh	27, 31.310, 25.368
Yxy	4.9738, 0.4779, 0.3273
Android (android.graphics.Color)	4285147948 (0xFF6A2B2C)
YUV	61.9510, -8.8498, 38.6310
Hunter-Lab	22.3020, 19.0979, 7.7418

Details

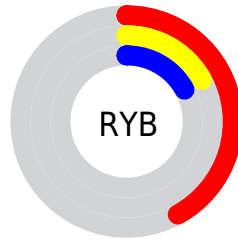
The YUV color **61.9510, -8.8498, 38.6310** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.0490, 8.8498, -38.6310**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7020, -11.1921, 43.2343**, and **16.4450, -8.1074, 33.8127** is the 20% darker color. If you saturate the color by 10%, you get **54.3540, -10.0345, 45.2935**, and if you desaturate by 10%, it is **69.5480, -7.6652, 31.9684**.

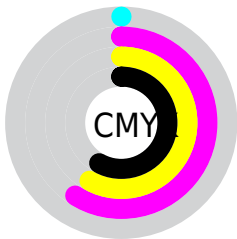
Distribution



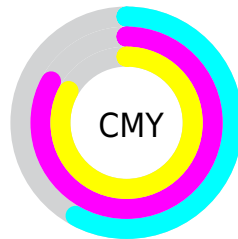
- Red (42%)
- Green (17%)
- Blue (17%)



- Red (42%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (59%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9510, -8.8498, 38.6310 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 61.9510, -8.8498, 38.6310 by changing the saturation by 10% instead.

■ 61.9510, -8.8498,
38.6310

■ 61.9510, -8.8498,
38.6310

■ 255.0000, 0.0000,
0.0000

■ 37.8090, -6.8078,
37.0015

■ 111.7020,
-11.1921, 43.2343

■ 16.4450, -8.1074,
33.8127

■ 137.5990,
-11.6343, 45.0787

■ 8.1870, -3.5432,
16.4990

■ 164.3820,
-12.5133, 47.0230

■ 0.0000, 0.0000,
0.0000

■ 191.9800,
-12.8081, 48.2525

■ 213.8860,
-10.2968, 36.0570

■ 233.5140, -6.1694,

18.8432

253.7290, -2.3314,
1.1147

61.9510, -8.8498,
38.6310

61.9510, -8.8498,
38.6310

54.3540, -10.0345,
45.2935

69.5480, -7.6652,
31.9684

47.2300, -11.9454,
51.5413

76.6720, -5.7543,
25.7207

39.6330, -13.1301,
58.2039

84.2690, -4.5696,
19.0581

32.5090, -15.0409,
64.4516

91.3930, -2.6587,
12.8103

31.9220, -14.7515,
64.9664

98.9900, -1.4741,
6.1478

■ 106.7010, 0.1474,
-0.6148

■ 113.7110, 1.6215,
-6.7625

■ 121.3080, 2.8062,
-13.4251

■ 128.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



62.9150, 2.5069, 36.0315



61.9510, -8.8498, 38.6310



61.3770, -18.4269, 30.3644

Triad

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



61.9510, -8.8498, 38.6310



53.4300, -9.0860, -25.8101



51.9830, 29.0954, -45.5891

Complementary

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



61.9510, -8.8498, 38.6310



87.0490, 8.8498, -38.6310

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.



53.8920, 23.7172, -47.2633



61.9510, -8.8498, 38.6310



50.0500, 3.9194, -43.8939

Square

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



61.9510, -8.8498, 38.6310



58.4840, -20.9446, -2.1785



52.9000, 14.8393, -46.3933



63.1730, 21.1137, -5.4137

Rectangle

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



61.9510, -8.8498, 38.6310



61.0570, -23.1991, 20.9980



52.9000, 14.8393, -46.3933



52.9290, 27.6430, -46.4187

Sweetspot

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



61.9510, -8.8498, 38.6310



120.4750, -3.6852, 15.3694



68.7200, 18.3790, 31.8176



58.4850, -2.2111, 9.2217



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



61.9510, -8.8498, 38.6310



69.4160, -14.0091, 60.1482



79.4470, -17.9684, 23.2870



49.7940, -0.8844, 3.6887



35.2110, -16.3730, 71.7290



73.7110, -34.3675, 150.2205

Inverse Universe

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



61.9510, -8.8498, 38.6310



69.4160, -14.0091, 60.1482



69.5530, 17.9684, -23.2870



49.7940, -0.8844, 3.6887



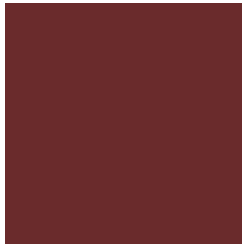
35.2110, -16.3730, 71.7290



73.7110, -34.3675, 150.2205

Previews

White Background



This preview shows how the YUV color 61.9510, -8.8498, 38.6310 looks on a white background.

Color Contrast Check

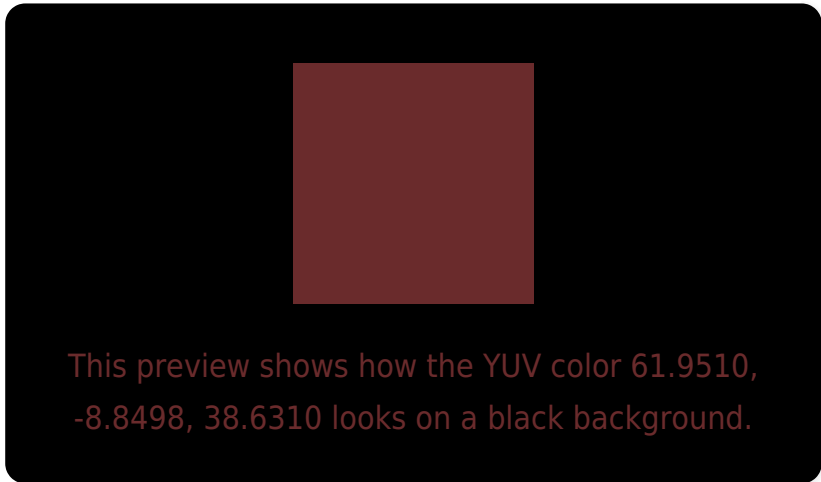
Large Text (above 18pt) WCAG AA ✓ Pass

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

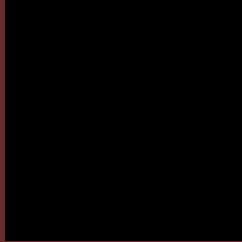
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9510, -8.8498, 38.6310

Background



This preview shows how black text looks on a background with the YUV color 61.9510, -8.8498, 38.6310.

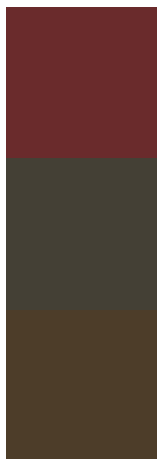


This preview shows how white text looks on a background with the YUV color 61.9510, -8.8498,

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

61.9510, -8.8498, 38.6310

Protanopia

63.9420, -5.3944, 3.5589

Deuteranopia

63.5040, -11.0945, 11.8360



Tritanopia

62.1790, -7.9762, 38.4310

Trichromacy



Original Color

61.9510, -8.8498, 38.6310

Protanomaly

63.0900, -6.4534, 16.5841

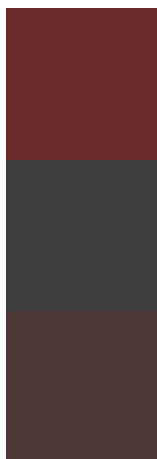
Deuteranomaly

62.7980, -10.2534, 22.1022

Tritanomaly

62.0650, -8.4130, 38.5310

Monochromacy



Original Color

61.9510, -8.8498, 38.6310

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8770, -3.3904, 14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9510, -8.8498, 38.6310 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(106, 43, 44)` looks like.

```
.text, #text, p{  
    color:rgb(106, 43, 44)  
}
```

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(106, 43, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 43, 44) }
```

Border

The CSS property to change the border of an element to YUV 61.9510, -8.8498, 38.6310 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(106, 43, 44) }
```


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

```
.border{ border-color:rgb(106, 43, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 43, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 43, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 43, 44);  
box-shadow:4px 4px 4px 4px rgb(106, 43,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 61.9510, -8.8498, 38.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 43, 44) }
```

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

```
.background{ background-color: rgb(106, 43,  
44) }
```

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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