

# Converting Colors

YUV(61.8370, -9.2866, 38.7310)

Have a look what the booklet for  
YUV(61.8370, -9.2866, 38.7310)  
contains.

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# Color

**YUV(61.8370, -9.2866,  
38.7310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2B2B
RGB	106, 43, 43
RGB Percent	42%, 17%, 17%
CMY	0.5843, 0.8314, 0.8314
CMYK	0.00, 0.59, 0.59, 0.58
HSL	0°, 42%, 29%
HSV	0°, 59%, 42%
XYZ	7.2438, 4.9663, 2.8623
YIQ	61.8370, 37.5480, 13.3560

# Conversions

## Conversions Part 2

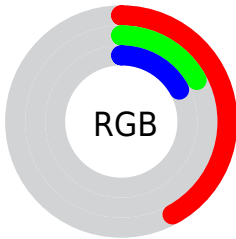
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 43, 43
Decimal	6957867
CIE Lab	26.64, 28.20, 14.05
CIE LCh	27, 31.506, 26.478
Yxy	4.9663, 0.4806, 0.3295
Android (android.graphics.Color)	4285147947 (0xFF6A2B2B)
YUV	61.8370, -9.2866, 38.7310
Hunter-Lab	22.2853, 19.0217, 7.9845

# Details

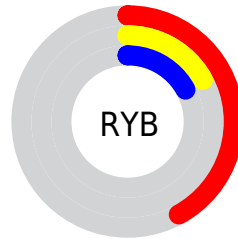
The YUV color **61.8370, -9.2866, 38.7310** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.1630, 9.2866, -38.7310**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5880, -11.6289, 43.3343**, and **16.4450, -8.1074, 33.8127** is the 20% darker color. If you saturate the color by 10%, you get **54.1260, -10.9081, 45.4935**, and if you desaturate by 10%, it is **69.5480, -7.6652, 31.9684**.

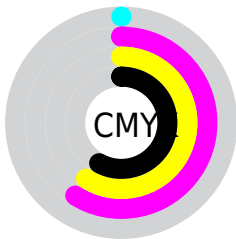
# Distribution



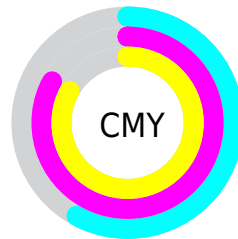
- Red (42%)
- Green (17%)
- Blue (17%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.8370, -9.2866, 38.7310 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 61.8370, -9.2866, 38.7310 by changing the saturation by 10% instead.



■ 61.8370, -9.2866,  
38.7310

■ 61.8370, -9.2866,  
38.7310

■ 255.0000, 0.0000,  
0.0000

■ 37.6950, -7.2446,  
37.1015

■ 111.5880,  
-11.6289, 43.3343

■ 16.4450, -8.1074,  
33.8127

■ 137.4850,  
-12.0711, 45.1787

■ 8.1870, -3.5432,  
16.4990

■ 164.2680,  
-12.9501, 47.1230

■ 0.0000, 0.0000,  
0.0000

■ 191.8660,  
-13.2449, 48.3525

■ 213.7720,  
-10.7336, 36.1570

■ 233.2860, -7.0430,

19.0432

253.6150, -2.7682,  
1.2146

61.8370, -9.2866,  
38.7310

61.8370, -9.2866,  
38.7310

54.1260, -10.9081,  
45.4935

69.5480, -7.6652,  
31.9684

47.1160, -12.3822,  
51.6413

76.5580, -6.1911,  
25.8206

39.4050, -14.0037,  
58.4038

84.2690, -4.5696,  
19.0581

32.3950, -15.4777,  
64.5516

91.2790, -3.0955,  
12.9103

31.6940, -15.6251,  
65.1664

98.9900, -1.4741,  
6.1478

■ 106.7010, 0.1474,  
-0.6148

■ 113.7110, 1.6215,  
-6.7625

■ 121.4220, 3.2430,  
-13.5251

■ 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.



63.1000, 1.9227, 36.7463



61.8370, -9.2866, 38.7310



61.8500, -19.1530, 29.9496

# Triad

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



61.8370, -9.2866, 38.7310



52.8320, -8.7912, -27.0397



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.



61.8370, -9.2866, 38.7310



87.1630, 9.2866, -38.7310

# 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.



54.0060, 24.1540, -47.3633



61.8370, -9.2866, 38.7310



50.1640, 4.3561, -43.9938

# Square

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



61.8370, -9.2866, 38.7310



58.1850, -20.7972, -2.7932



53.0140, 15.2761, -46.4933



63.7710, 20.8189, -4.1842



# Rectangle

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



61.8370, -9.2866, 38.7310



60.9430, -23.6359, 21.0980



53.0140, 15.2761, -46.4933



53.0430, 28.0798, -46.5187

# Sweetspot

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



61.8370, -9.2866, 38.7310



120.4750, -3.6852, 15.3694



69.0190, 18.2316, 32.4323



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.



61.8370, -9.2866, 38.7310



69.3020, -14.4459, 60.2481



80.6210, -18.5472, 22.2574



49.7940, -0.8844, 3.6887



34.9830, -17.2466, 71.9289



73.2550, -36.1147, 150.6204



# Inverse Universe

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



87.1630, 9.2866, -38.7310



108.6980, 14.4459, -60.2481



68.9660, 18.2578, -22.7722



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289

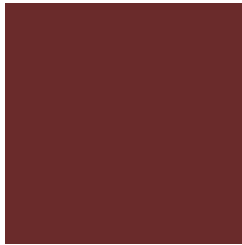


171.7450, 36.1147, -150.6204



# Previews

## White Background



This preview shows how the YUV color 61.8370, -9.2866, 38.7310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

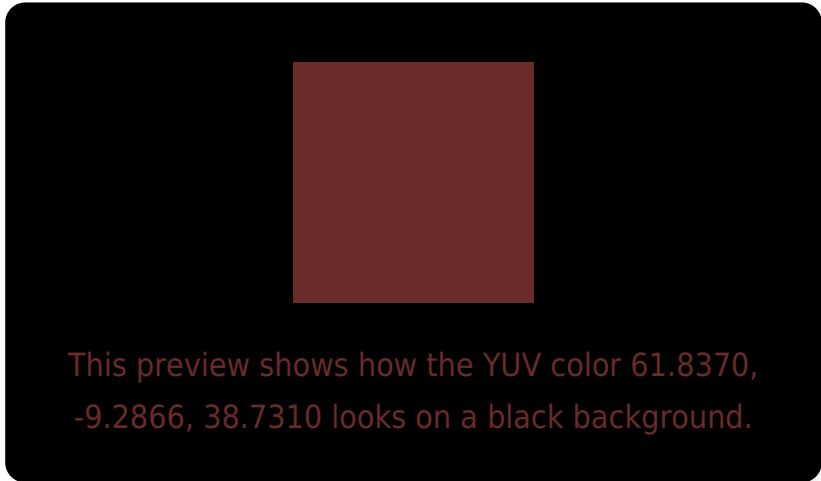
Any Text WCAG AA ✓ Pass

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

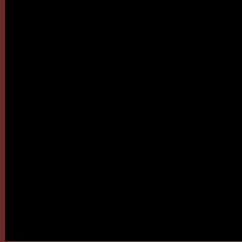
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.8370, -9.2866, 38.7310

## Background



This preview shows how black text looks on a background with the YUV color 61.8370, -9.2866, 38.7310.



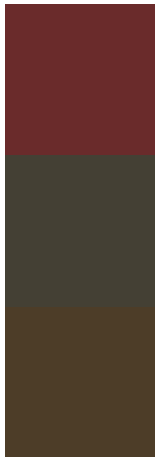
This preview shows how white text looks on a background with the YUV color 61.8370, -9.2866,



# 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

61.8370, -9.2866, 38.7310

### Protanopia

63.8280, -5.8312, 3.6588

### Deuteranopia

63.3900, -11.5313, 11.9360



## Tritanopia

62.0650, -8.4130, 38.5310

# Trichromacy



## Original Color

61.8370, -9.2866, 38.7310

## Protanomaly

62.9760, -6.8902, 16.6840

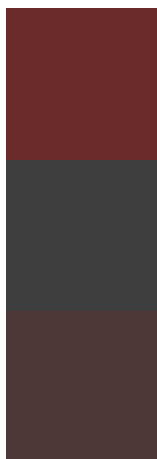
## Deuteranomaly

62.6840, -10.6902, 22.2021

## Tritanomaly

61.9510, -8.8498, 38.6310

# Monochromacy



## Original Color

61.8370, -9.2866, 38.7310

## 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 61.8370, -9.2866, 38.7310 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, 43)` looks like.

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

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, 43) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to YUV 61.8370, -9.2866, 38.7310 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, 43) }
```



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

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

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, 43)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to YUV 61.8370, -9.2866, 38.7310 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, 43) }
```

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

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

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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