

Converting Colors

YUV(68.7230, -9.7234, 38.8309)

Have a look what the booklet for
YUV(68.7230, -9.7234, 38.8309)
contains.

YUV(68.7230, -9.7234, 38.8309)	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(68.7230, -9.7234,
38.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	713231
RGB	113, 50, 49
RGB Percent	44%, 20%, 19%
CMY	0.5569, 0.8039, 0.8078
CMYK	0.00, 0.56, 0.57, 0.56
HSL	1°, 40%, 32%
HSV	1°, 57%, 44%
XYZ	8.5050, 6.0137, 3.6182
YIQ	68.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

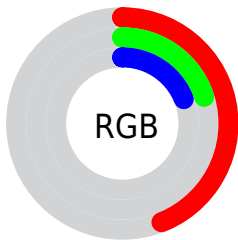
Format	Color
R_{YB}	113, 50, 49
Decimal	7418417
CIE Lab	29.45, 27.75, 14.06
CIE LCh	29, 31.106, 26.867
Yxy	6.0137, 0.4689, 0.3316
Android (android.graphics.Color)	4285608497 (0xFF713231)
YUV	68.7230, -9.7234, 38.8309
Hunter-Lab	24.5228, 18.9928, 8.4180

Details

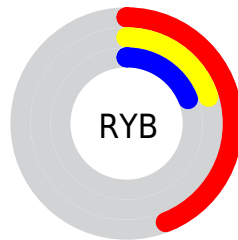
The YUV color **68.7230, -9.7234, 38.8309** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.2770, 9.7234, -38.8309**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5880, -11.6289, 43.3343**, and **19.6410, -8.6970, 36.2718** is the 20% darker color. If you saturate the color by 10%, you get **61.0120, -11.3449, 45.5935**, and if you desaturate by 10%, it is **76.4340, -8.1020, 32.0684**.

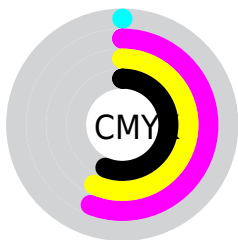
Distribution



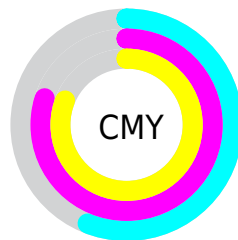
- Red (44%)
- Green (20%)
- Blue (19%)



- Red (44%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (56%)
- Yellow (57%)
- Black (56%)



- Cyan (56%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7230, -9.7234, 38.8309 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 68.7230, -9.7234, 38.8309 by changing the saturation by 10% instead.

■ 68.7230, -9.7234,
38.8309

■ 68.7230, -9.7234,
38.8309

■ 255.0000, 0.0000,
0.0000

■ 44.7550, -8.2602,
36.1719

■ 118.5880,
-11.6289, 43.3343

■ 19.6410, -8.6970,
36.2718

■ 145.0720,
-12.3605, 44.6639

■ 11.7750, -5.3121,
23.8763

■ 171.8550,
-13.2395, 46.6082

■ 0.0000, 0.0000,
0.0000

■ 199.7520,
-13.6817, 48.4525

■ 219.2660, -9.9911,
31.3387

■ 238.8940, -5.8637,

14.1250

■ 68.7230, -9.7234,
38.8309

■ 68.7230, -9.7234,
38.8309

■ 61.0120, -11.3449,
45.5935

■ 76.4340, -8.1020,
32.0684

■ 53.1870, -13.4032,
52.4560

■ 84.2590, -6.0437,
25.2059

■ 45.4760, -15.0247,
59.2185

■ 91.9700, -4.4222,
18.4433

■ 37.7650, -16.6461,
65.9811

■ 99.6810, -2.8007,
11.6808

■ 34.9610, -17.2358,
68.4402

■ 108.0930, -1.0318,
4.3034

■ 115.8040, 0.5896,
-2.4591

■ 123.5150, 2.2111,
-9.2217

■ 131.2260, 3.8326,
-15.9842

■ 139.0510, 5.8909,
-22.8467

Harmonies

Analogous

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



69.9860, 1.4859, 36.8463



68.7230, -9.7234, 38.8309



68.1490, -19.3005, 30.5643

Triad

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



68.7230, -9.7234, 38.8309



59.8320, -8.7912, -27.0397



56.1890, 29.9798, -49.2778

Complementary

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



68.7230, -9.7234, 38.8309



93.2770, 9.7234, -38.8309

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.



58.2120, 25.0385, -51.0519



68.7230, -9.7234, 38.8309



55.0710, 5.3880, -48.2973

Square

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



68.7230, -9.7234, 38.8309



64.4130, -19.9236, -2.9932



57.8070, 15.8711, -50.6967



70.0700, 20.6715, -3.5694

Rectangle

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



68.7230, -9.7234, 38.8309



67.4700, -22.9097, 21.5128



57.8070, 15.8711, -50.6967



57.2490, 28.9642, -50.2074

Sweetspot

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



68.7230, -9.7234, 38.8309



130.4750, -3.6852, 15.3694



75.4320, 18.5210, 32.9471



63.4850, -2.2111, 9.2217



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



68.7230, -9.7234, 38.8309



78.3730, -15.4669, 61.0629



86.9200, -18.6946, 22.8722



52.3810, -1.1738, 3.1739



37.0540, -18.2676, 72.7436



76.2010, -37.5671, 149.7907

Inverse Universe

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



93.2770, 9.7234, -38.8309



116.6270, 15.4669, -61.0629



75.0800, 18.6946, -22.8722



54.2060, 0.8844, -3.6887



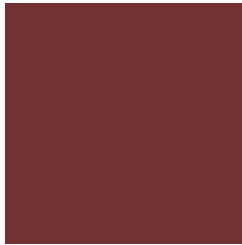
82.9460, 18.2676, -72.7436



170.7990, 37.5671, -149.7907

Previews

White Background



This preview shows how the YUV color 68.7230, -9.7234, 38.8309 looks on a white background.

Color Contrast Check

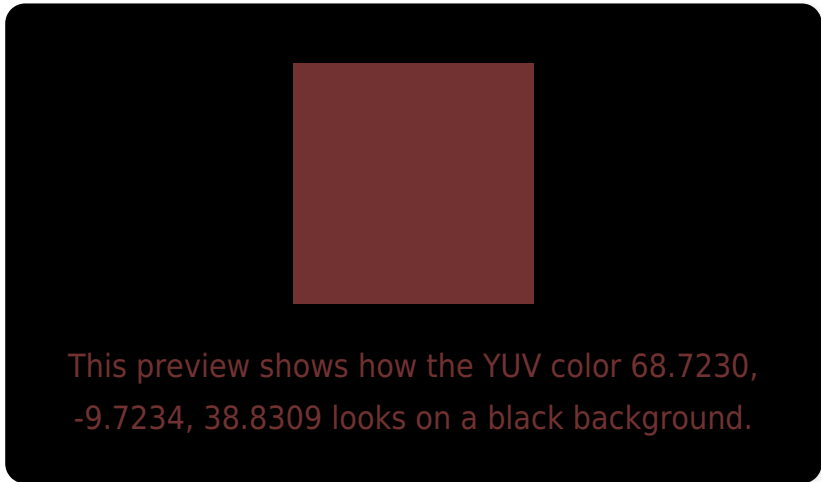
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.7230, -9.7234, 38.8309

Background



This preview shows how black text looks on a background with the YUV color 68.7230, -9.7234, 38.8309.

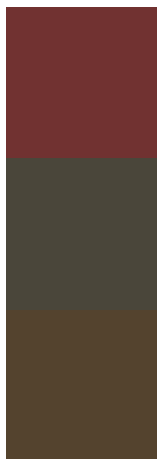


This preview shows how white text looks on a background with the YUV color 68.7230, -9.7234,

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

68.7230, -9.7234, 38.8309

Protanopia

69.8280, -5.8312, 3.6588

Deuteranopia

69.6890, -11.6787, 12.5507



Tritanopia

68.5920, -7.6869, 38.9458

Trichromacy



Original Color

68.7230, -9.7234, 38.8309

Protanomaly

69.5630, -7.1796, 16.1692

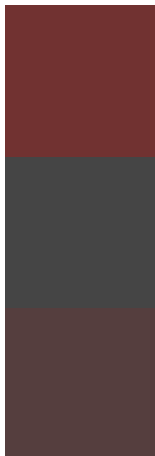
Deuteranomaly

69.5700, -11.1270, 22.3021

Tritanomaly

68.4780, -8.1237, 39.0458

Monochromacy



Original Color

68.7230, -9.7234, 38.8309

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8770, -3.3904, 14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7230, -9.7234, 38.8309 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(113, 50, 49)` looks like.

```
.text, #text, p{  
    color:rgb(113, 50, 49)  
}
```

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(113, 50, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 50, 49) }
```

Border

The CSS property to change the border of an element to YUV 68.7230, -9.7234, 38.8309 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(113, 50, 49) }
```


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

```
.border{ border-color:rgb(113, 50, 49) }
```

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

Here you see how a box with a 4 pixel rgb(113, 50, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 50, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 50, 49);  
box-shadow:4px 4px 4px 4px rgb(113, 50,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 68.7230, -9.7234, 38.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 50, 49) }
```

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

```
.background{ background-color: rgb(113, 50,  
49) }
```

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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