

Converting Colors

YUV(67.8220, -33.4362,
37.8671)

Have a look what the booklet for
YUV(67.8220, -33.4362, 37.8671)
contains.

YUV(67.8220, -33.4362, 37.8671)	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(67.8220, -33.4362,
37.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	6F3B00
RGB	111, 59, 0
RGB Percent	44%, 23%, 0%
CMY	0.5647, 0.7686, 1.0000
CMYK	0.00, 0.47, 1.00, 0.56
HSL	32°, 100%, 22%
HSV	32°, 100%, 44%
XYZ	8.1195, 6.5074, 0.8281
YIQ	67.8220, 49.9310, -7.3250

Conversions

Conversions Part 2

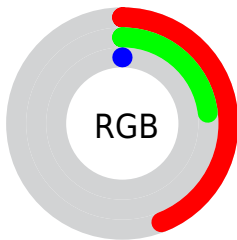
Format	Color
RYB	98, 111, 0
Decimal	7289600
CIELab	30.66, 19.10, 41.01
CIElCh	31, 45.241, 65.034
Yxy	6.5074, 0.5254, 0.4211
Android (android.graphics.Color)	4285479680 (0xFF6F3B00)
YUV	67.8220, -33.4362, 37.8671
Hunter-Lab	25.5097, 12.1731, 15.9321

Details

The YUV color **67.8220, -33.4362, 37.8671** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **43.1780, 33.4362, -37.8671**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7410, -33.8893, 43.2001**, and **26.4350, -13.0325, 26.8055** is the 20% darker color. If you saturate the color by 10%, you get **67.8220, -33.4362, 37.8671**, and if you desaturate by 10%, it is **72.0110, -30.0784, 34.1934**.

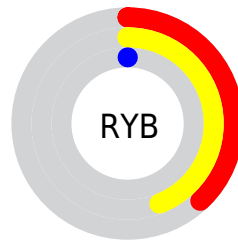
Distribution



Red (44%)

Green (23%)

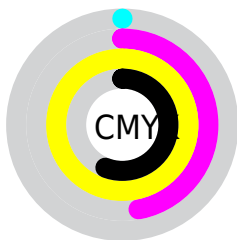
Blue (0%)



Red (38%)

Yellow (44%)

Blue (0%)

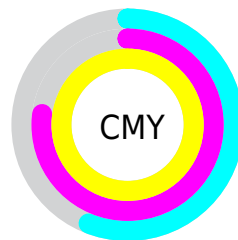


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8220, -33.4362, 37.8671 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 67.8220, -33.4362, 37.8671 by changing the saturation by 10% instead.

67.8220, -33.4362,
37.8671

67.8220, -33.4362,
37.8671

252.6060, -9.1728,
2.0995

46.8350, -23.0897,
32.5937

118.7410,
-33.8893, 43.2001

26.4350, -13.0325,
26.8055

144.8230,
-34.9157, 45.7592

10.1660, -5.0118,
20.9024

171.6060,
-35.7948, 47.7035

0.0000, 0.0000,
0.0000


198.9760,
-36.9632, 49.1330


218.4900,
-33.2726, 32.0193


238.0040,


-29.5820, 14.9055


 249.3000,
-21.8399, 4.9989


 67.8220, -33.4362,
37.8671

 72.0110, -30.0784,
34.1934

 76.2000, -26.7206,
30.5196

 80.9760, -23.6522,
26.3310

 85.1650, -20.2943,
22.6573

 89.4680, -16.4997,
18.8836

■ 93.6570, -13.1419,
15.2098

■ 97.8460, -9.7841,
11.5361

■ 102.6220, -6.7156,
7.3475

■ 106.8110, -3.3578,
3.6738

Harmonies

Analogous

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



67.4000, -16.4662, 54.9002



67.8220, -33.4362, 37.8671



67.6680, -33.3603, 13.4462

Triad

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



67.8220, -33.4362, 37.8671



60.4340, 8.1670, -53.0006



73.6610, 27.7751, 4.6823

Complementary

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



67.8220, -33.4362, 37.8671



43.1780, 33.4362, -37.8671

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.



60.3270, 40.7578, -52.9068



67.8220, -33.4362, 37.8671



63.8370, 23.7444, -55.9850

Square

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



67.8220, -33.4362, 37.8671



55.0420, -7.4157, -48.2718



64.8120, 35.0957, -56.8401



71.6780, 15.4417, 40.6244

Rectangle

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



67.8220, -33.4362, 37.8671



64.0140, -31.5589, -4.3973



64.8120, 35.0957, -56.8401



71.1150, 32.4813, -11.5019

Sweetspot

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



67.8220, -33.4362, 37.8671



128.3580, -12.9945, 14.5950



39.3450, 7.2249, 62.8414



63.2910, -8.0315, 9.3918



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.



67.8220, -33.4362, 37.8671



88.5540, -43.6571, 49.5031



97.7480, -48.1898, 9.8680



53.5550, -1.7526, 2.1443



73.4480, -36.2099, 40.8261



150.7500, -74.3197, 84.4112

Inverse Universe

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



43.1780, 33.4362, -37.8671



56.4460, 43.6571, -49.5031



13.2520, 48.1898, -9.8680



52.4450, 1.7526, -2.1443



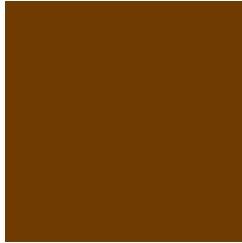
46.5520, 36.2099, -40.8261



96.2500, 74.3197, -84.4112

Previews

White Background



This preview shows how the YUV color 67.8220, -33.4362, 37.8671 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



This preview shows how the YUV color 67.8220, -33.4362, 37.8671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

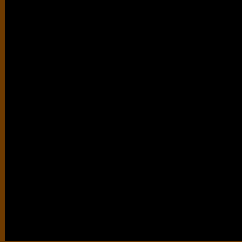
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8220, -33.4362, 37.8671

Background



This preview shows how black text looks on a background with the YUV color 67.8220, -33.4362, 37.8671.



This preview shows how white text looks on a background with the YUV color 67.8220, -33.4362,

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

67.8220, -33.4362, 37.8671

Protanopia

68.3950, -29.2817, 11.9316

Deuteranopia

68.0110, -33.5294, 21.0384



Tritanopia

72.7980, -6.8024, 35.2572

Trichromacy



Original Color

67.8220, -33.4362, 37.8671

Protanomaly

68.4070, -30.7667, 21.5681

Deuteranomaly

67.7560, -33.4037, 27.4010

Tritanomaly

70.6920, -16.1172, 36.2271

Monochromacy



Original Color

67.8220, -33.4362, 37.8671

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1730, -12.4103, 13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8220, -33.4362, 37.8671 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(111, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 59, 0)  
}
```

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(111, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 59, 0) }
```

Border

The CSS property to change the border of an element to YUV 67.8220, -33.4362, 37.8671 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(111, 59, 0) }
```


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

```
.border{ border-color:rgb(111, 59, 0) }
```

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

Here you see how a box with a 4 pixel rgb(111, 59, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 59, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 59, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 59, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8220, -33.4362, 37.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 59, 0) }
```

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

```
.background{ background-color: rgb(111, 59,  
0) }
```

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