

Converting Colors

YUV(67.6770, -33.3648,
61.6733)

Have a look what the booklet for
YUV(67.6770, -33.3648, 61.6733)
contains.

YUV(67.6770, -33.3648, 61.6733)	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>	30

Color

**YUV(67.6770, -33.3648,
61.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	8A2D00
RGB	138, 45, 0
RGB Percent	54%, 18%, 0%
CMY	0.4588, 0.8235, 1.0000
CMYK	0.00, 0.67, 1.00, 0.46
HSL	20°, 100%, 27%
HSV	20°, 100%, 54%
XYZ	11.4196, 7.2800, 0.8033
YIQ	67.6770, 69.8730, 5.7210

Conversions

Conversions Part 2

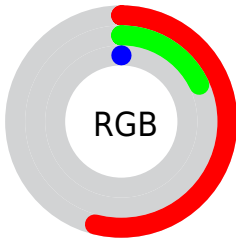
Format	Color
RYB	138, 67, 0
Decimal	9055488
CIELab	32.44, 37.95, 44.43
CIElCh	32, 58.432, 49.504
Yxy	7.2800, 0.5855, 0.3733
Android (android.graphics.Color)	4287245568 (0xFF8A2D00)
YUV	67.6770, -33.3648, 61.6733
Hunter-Lab	26.9816, 28.3302, 17.1219

Details

The YUV color **67.6770, -33.3648, 61.6733** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **70.3230, 33.3648, -61.6733**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5530, -35.2756, 67.9210**, and **23.9200, -11.7926, 49.1822** is the 20% darker color. If you saturate the color by 10%, you get **67.6770, -33.3648, 61.6733**, and if you desaturate by 10%, it is **74.5560, -29.8541, 55.6404**.

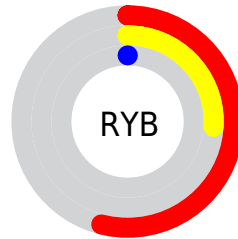
Distribution



Red (54%)

Green (18%)

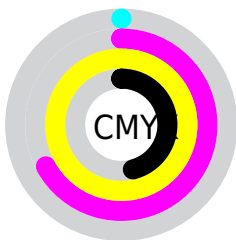
Blue (0%)



Red (54%)

Yellow (26%)

Blue (0%)

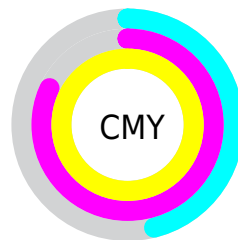


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6770, -33.3648, 61.6733 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 67.6770, -33.3648, 61.6733 by changing the saturation by 10% instead.

67.6770, -33.3648,
61.6733

67.6770, -33.3648,
61.6733

252.4920, -9.6096,
2.1995

43.1570, -21.2764,
57.7443

120.5530,
-35.2756, 67.9210

23.9200, -11.7926,
49.1822

147.8200,
-36.8863, 71.1949

15.8470, -7.8126,
32.5832

174.2930,
-37.6124, 70.7800

4.1860, -2.0637,
8.6069

193.1060,
-34.0693, 54.2810


0.0000, 0.0000,
0.0000


212.5060,
-30.8155, 37.2672


232.6070,


-27.4143, 19.6387


 249.3000,
-21.8399, 4.9989


 67.6770, -33.3648,
61.6733

 74.5560, -29.8541,
55.6404

 82.0220, -26.6328,
49.0927

 88.7870, -23.5590,
43.1598

 95.6660, -20.0483,
37.1269

 103.1320,
-16.8271, 30.5792

■ 110.0110,
-13.3164, 24.5464

■ 116.8900, -9.8058,
18.5135

■ 123.6550, -6.7319,
12.5806

■ 131.1210, -3.5107,
6.0329

Harmonies

Analogous

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



56.9150, -3.9021, 85.1435



67.6770, -33.3648, 61.6733



72.4960, -35.7405, 30.2600

Triad

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



67.6770, -33.3648, 61.6733



62.3770, -2.1579, -54.7046



61.5580, 50.5039, -52.2324

Complementary

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



67.6770, -33.3648, 61.6733



70.3230, 33.3648, -61.6733

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.



70.2210, 48.2050, -61.5838



67.6770, -33.3648, 61.6733



68.4360, 18.5191, -60.0184

Square

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



67.6770, -33.3648, 61.6733



53.6450, -25.4610, -47.0467



71.8220, 36.5698, -62.9879



76.4070, 29.8723, 32.0921

Rectangle

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



67.6770, -33.3648, 61.6733



70.5920, -34.8019, 9.1278



71.8220, 36.5698, -62.9879



64.9380, 50.8096, -56.9506

Sweetspot

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



67.6770, -33.3648, 61.6733



151.1250, -12.8796, 24.4464



51.9780, 20.7168, 75.4413



73.0250, -7.9003, 14.0101



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



67.6770, -33.3648, 61.6733



87.5670, -43.1705, 80.1867



107.5930, -53.0433, 26.6669



65.2670, -1.6106, 3.2738



65.0080, -32.0489, 59.6290



2.6690, -1.3158, 2.0443

Inverse Universe

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



70.3230, 33.3648, -61.6733



90.8460, 43.4599, -79.6719



30.4070, 53.0433, -26.6669



65.7330, 1.6106, -3.2738



67.4050, 32.3383, -59.1142



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 67.6770, -33.3648, 61.6733 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 67.6770, -33.3648, 61.6733 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 67.6770, -33.3648, 61.6733

Background



This preview shows how black text looks on a background with the YUV color 67.6770, -33.3648, 61.6733.

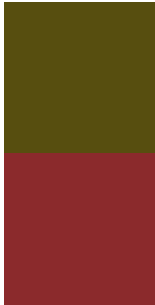


This preview shows how white text looks on a background with the YUV color 67.6770, -33.3648,

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



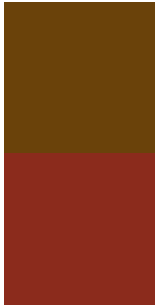
Protanopia

73.5090, -28.8449, 11.8316

Tritanopia

71.2310, -13.4249, 59.4334

Trichromacy



Protanomaly

71.5760, -30.3570, 30.1898

Tritanomaly

69.9940, -20.7030, 60.5183

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9290, -12.2900, 21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6770, -33.3648, 61.6733 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(138, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 45, 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(138, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 45, 0) }
```

Border

The CSS property to change the border of an element to YUV 67.6770, -33.3648, 61.6733 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(138, 45, 0) }
```

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

```
.border{ border-color:rgb(138, 45, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 45, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 67.6770, -33.3648, 61.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 45, 0) }
```

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

```
.background{ background-color: rgb(138, 45,  
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](#).

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