

Converting Colors

YUV(76.7480, -37.8368,
49.3330)

Have a look what the booklet for
YUV(76.7480, -37.8368, 49.3330)
contains.

YUV(76.7480, -37.8368, 49.3330)	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(76.7480, -37.8368,
49.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	853F00
RGB	133, 63, 0
RGB Percent	52%, 25%, 0%
CMY	0.4784, 0.7529, 1.0000
CMYK	0.00, 0.53, 1.00, 0.48
HSL	28°, 100%, 26%
HSV	28°, 100%, 52%
XYZ	11.4504, 8.5416, 1.0452
YIQ	76.7480, 61.9430, -4.7530

Conversions

Conversions Part 2

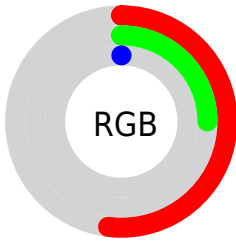
Format	Color
RYB	133, 120, 0
Decimal	8732416
CIELab	35.09, 26.74, 45.57
CIELCh	35, 52.842, 59.595
Yxy	8.5416, 0.5443, 0.4060
Android (android.graphics.Color)	4286922496 (0xFF853F00)
YUV	76.7480, -37.8368, 49.3330
Hunter-Lab	29.2259, 18.7887, 18.3378

Details

The YUV color **76.7480, -37.8368, 49.3330** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.2520, 37.8368, -49.3330**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0800, -38.0004, 55.1808**, and **32.7030, -16.1226, 37.9715** is the 20% darker color. If you saturate the color by 10%, you get **76.7480, -37.8368, 49.3330**, and if you desaturate by 10%, it is **82.3390, -34.1841, 44.4297**.

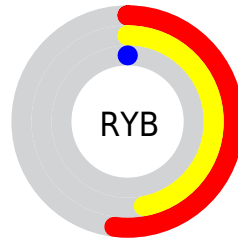
Distribution



Red (52%)

Green (25%)

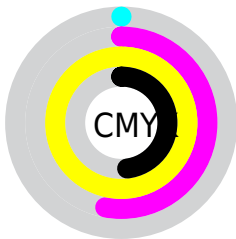
Blue (0%)



Red (52%)

Yellow (47%)

Blue (0%)

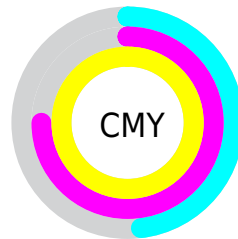


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (48%)



Cyan (48%)


Magenta (75%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.7480, -37.8368, 49.3330 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 76.7480, -37.8368, 49.3330 by changing the saturation by 10% instead.


 76.7480, -37.8368,
49.3330


 76.7480, -37.8368,
49.3330


 253.0620, -7.4256,
1.6996

 54.8750, -27.0534,
43.9596


 129.0800,
-38.0004, 55.1808

 32.7030, -16.1226,
37.9715

 156.1620,
-39.0269, 57.7399

 14.9500, -7.3703,
30.7388

 183.5430,
-40.2007, 60.9138

 4.1860, -2.0637,
8.6069

 203.4270,
-37.6785, 45.2295


 0.0000, 0.0000,
0.0000


 222.9410,
-33.9879, 28.1157


 242.4550,


-30.2973, 11.0020


 249.7560,
-20.0927, 4.5990

 76.7480, -37.8368,
49.3330

 82.3390, -34.1841,
44.4297

 88.0440, -30.0947,
39.4264

 93.6350, -26.4421,
34.5231

 99.2260, -22.7894,
29.6198

 104.9310,
-18.7000, 24.6165

■ 110.5220,
-15.0473, 19.7132

■ 116.1130,
-11.3947, 14.8099

■ 121.7040, -7.7421,
9.9066

■ 127.4090, -3.6526,
4.9033

Harmonies

Analogous

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



75.4170, -15.4886, 68.0403



76.7480, -37.8368, 49.3330



77.7460, -38.3288, 20.3938

Triad

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



76.7480, -37.8368, 49.3330



68.5210, 6.1521, -60.0929



82.5980, 36.6802, -4.9094

Complementary

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



76.7480, -37.8368, 49.3330



56.2520, 37.8368, -49.3330

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.



70.8080, 47.9157, -62.0986



76.7480, -37.8368, 49.3330



73.3090, 24.4977, -64.2920

Square

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



76.7480, -37.8368, 49.3330



61.6300, -12.6356, -54.0495



74.6090, 39.6328, -65.4321



82.2960, 21.5461, 42.7134

Rectangle

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



76.7480, -37.8368, 49.3330



74.6680, -36.8113, 0.2912



74.6090, 39.6328, -65.4321



76.9260, 42.4345, -30.6301

Sweetspot

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



76.7480, -37.8368, 49.3330



151.2230, -14.8999, 19.0984



47.8610, 11.4075, 74.6669



73.3730, -9.0579, 11.9509



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



76.7480, -37.8368, 49.3330



99.8610, -49.2315, 64.1429



115.4900, -56.9366, 15.3563



63.5550, -1.7526, 2.1443



75.2640, -37.1052, 48.0035



1.4840, -0.7316, 1.3295

Inverse Universe

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



56.2520, 37.8368, -49.3330



73.1390, 49.2315, -64.1429



17.5100, 56.9366, -15.3563



62.4450, 1.7526, -2.1443



54.7360, 37.1052, -48.0035



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 76.7480, -37.8368, 49.3330 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 76.7480, -37.8368, 49.3330 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 76.7480, -37.8368, 49.3330

Background



This preview shows how black text looks on a background with the YUV color 76.7480, -37.8368, 49.3330.



This preview shows how white text looks on a background with the YUV color 76.7480, -37.8368,

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

78.7820, -32.9235, 13.3462

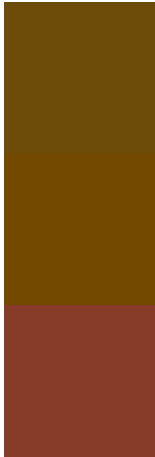
Deuteranopia

77.7680, -38.3396, 23.8825

Tritanopia

82.1800, -9.4557, 46.3231

Trichromacy



Protanomaly

77.8160, -34.4193, 26.4714

Deuteranomaly

77.2360, -38.0773, 33.1190

Tritanomaly

79.8460, -19.6441, 47.4931

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8530, -13.7315, 17.6689

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7480, -37.8368, 49.3330 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(133, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 63, 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(133, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 63, 0) }
```

Border

The CSS property to change the border of an element to YUV 76.7480, -37.8368, 49.3330 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(133, 63, 0) }
```

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

```
.border{ border-color:rgb(133, 63, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 63, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 76.7480, -37.8368, 49.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 63, 0) }
```

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

```
.background{ background-color: rgb(133, 63,  
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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