

Converting Colors

YUV(88.8560, -38.3830,
37.8373)

Have a look what the booklet for
YUV(88.8560, -38.3830, 37.8373)
contains.

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Color

**YUV(88.8560, -38.3830,
37.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	84520B
RGB	132, 82, 11
RGB Percent	52%, 32%, 4%
CMY	0.4824, 0.6784, 0.9569
CMYK	0.00, 0.38, 0.92, 0.48
HSL	35°, 85%, 28%
HSV	35°, 92%, 52%
XYZ	12.5934, 10.9643, 1.7692
YIQ	88.8560, 52.5910, -11.4810

Conversions

Conversions Part 2

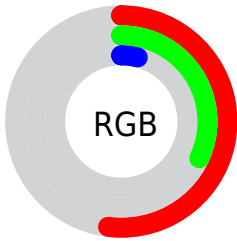
Format	Color
RYB	96, 132, 11
Decimal	8671755
CIELab	39.52, 15.59, 45.07
CIELCh	40, 47.688, 70.919
Yxy	10.9643, 0.4972, 0.4329
Android (android.graphics.Color)	4286861835 (0xFF84520B)
YUV	88.8560, -38.3830, 37.8373
Hunter-Lab	33.1124, 9.9412, 20.0108

Details

The YUV color **88.8560, -38.3830, 37.8373** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.1440, 38.3830, -37.8373**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8890, -38.3993, 43.0703**, and **44.7420, -22.0578, 28.2903** is the 20% darker color. If you saturate the color by 10%, you get **84.6670, -41.7408, 41.5110**, and if you desaturate by 10%, it is **93.2730, -34.1516, 33.9636**.

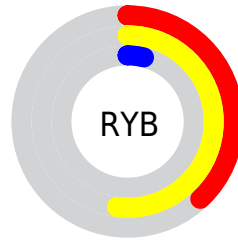
Distribution



Red (52%)

Green (32%)

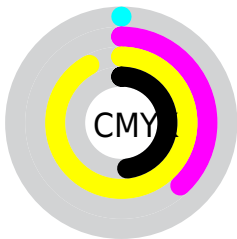
Blue (4%)



Red (38%)

Yellow (52%)

Blue (4%)

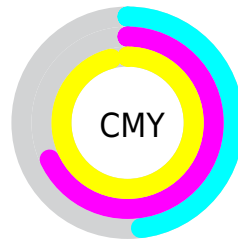


Cyan (0%)

Magenta (38%)

Yellow (92%)

Black (48%)



Cyan (48%)


Magenta (68%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.8560, -38.3830, 37.8373 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 88.8560, -38.3830, 37.8373 by changing the saturation by 10% instead.


 88.8560, -38.3830,
37.8373


 88.8560, -38.3830,
37.8373


 254.5440, -1.7472,
0.3999


 65.7290, -32.4044,
33.5637


 140.8890,
-38.3993, 43.0703


 44.7420, -22.0578,
28.2903


 168.2590,
-39.5677, 44.4999


 24.3420, -12.0006,
22.5021

 195.3410,
-40.5941, 47.0589

 8.1870, -3.5432,
16.4990


 216.5350,
-38.2248, 33.7338


 0.0000, 0.0000,
0.0000


 236.6360,
-34.8235, 16.1052


 248.0460,


-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993


 88.8560, -38.3830,
37.8373


 88.8560, -38.3830,
37.8373


 84.6670, -41.7408,
41.5110

 93.2730, -34.1516,
33.9636

 98.2770, -30.2096,
29.5751

 102.8080,
-25.5413, 25.6014

 107.8120,
-21.5993, 21.2129

 112.2290,
-17.3679, 17.3392

■ 117.2330,
-13.4259, 12.9507

■ 121.6500, -9.1944,
9.0770

■ 126.7680, -4.8156,
4.5885

■ 131.1850, -0.5842,
0.7148

Harmonies

Analogous

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



89.5160, -22.4394, 57.4295



88.8560, -38.3830, 37.8373



85.9530, -42.3748, 11.4422

Triad

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



88.8560, -38.3830, 37.8373



77.3550, 14.6150, -67.8403



95.7270, 27.7426, 15.1484

Complementary

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



88.8560, -38.3830, 37.8373



54.1440, 38.3830, -37.8373

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.



82.6420, 43.0675, -47.0440



88.8560, -38.3830, 37.8373



80.8720, 30.6291, -70.9247

Square

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



88.8560, -38.3830, 37.8373



72.0940, -3.0043, -63.2264



80.0860, 42.8486, -70.2354



93.0490, 12.7938, 49.9460

Rectangle

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



88.8560, -38.3830, 37.8373



83.3400, -32.7056, -9.9452



80.0860, 42.8486, -70.2354



94.4800, 32.3014, -0.4210

Sweetspot

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



88.8560, -38.3830, 37.8373



153.7880, -15.1785, 15.0949



52.8790, 4.0037, 69.3891



76.5360, -9.6312, 9.1769



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.



88.8560, -38.3830, 37.8373



109.8290, -54.1457, 53.6470



115.2160, -51.3785, 5.9496



64.1420, -2.0420, 1.6295



83.4820, -41.1566, 40.7963



1.4840, -0.7316, 1.3295

Inverse Universe

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



54.1440, 38.3830, -37.8373



61.1710, 54.1457, -53.6470



27.7840, 51.3785, -5.9496



61.8580, 2.0420, -1.6295



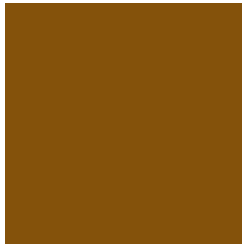
46.5180, 41.1566, -40.7963



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 88.8560, -38.3830, 37.8373 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 × Fail

Black Background



This preview shows how the YUV color 88.8560, -38.3830, 37.8373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 88.8560, -38.3830, 37.8373

Background



This preview shows how black text looks on a background with the YUV color 88.8560, -38.3830, 37.8373.



This preview shows how white text looks on a background with the YUV color 88.8560, -38.3830,

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

88.8560, -38.3830, 37.8373

Protanopia

88.5820, -36.2759, 15.2756

Deuteranopia

87.5250, -43.1498, 26.7266



Tritanopia

94.3250, -6.0762, 35.6720

Trichromacy



Original Color

88.8560, -38.3830, 37.8373

Protanomaly

88.8110, -36.8818, 22.9678

Deuteranomaly

87.7150, -41.2715, 30.9449

Tritanomaly

92.2360, -17.8643, 36.6270

Monochromacy



Original Color

88.8560, -38.3830, 37.8373

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8310, -13.7207, 14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8560, -38.3830, 37.8373 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(132, 82, 11)` looks like.

```
.text, #text, p{  
    color:rgb(132, 82, 11)  
}
```

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(132, 82, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 82, 11) }
```

Border

The CSS property to change the border of an element to YUV 88.8560, -38.3830, 37.8373 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(132, 82, 11) }
```


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

```
.border{ border-color:rgb(132, 82, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 82, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 82, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 82, 11);  
box-shadow:4px 4px 4px 4px rgb(132, 82,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 88.8560, -38.3830, 37.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 82, 11) }
```

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

```
.background{ background-color: rgb(132, 82,  
11) }
```

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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