

Converting Colors

YUV(83.6530, -33.8459,
29.2453)

Have a look what the booklet for
YUV(83.6530, -33.8459, 29.2453)
contains.

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Color

**YUV(83.6530, -33.8459,
29.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	75500F
RGB	117, 80, 15
RGB Percent	46%, 31%, 6%
CMY	0.5412, 0.6863, 0.9412
CMYK	0.00, 0.32, 0.87, 0.54
HSL	38°, 77%, 26%
HSV	38°, 87%, 46%
XYZ	10.2910, 9.5537, 1.7536
YIQ	83.6530, 42.9170, -12.3710

Conversions

Conversions Part 2

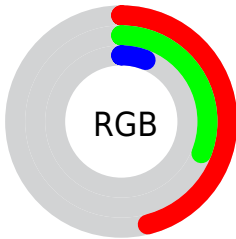
Format	Color
R_{YB}	73, 117, 15
Decimal	7688207
CIE Lab	37.03, 9.74, 40.92
CIE LCh	37, 42.065, 76.617
Yxy	9.5537, 0.4765, 0.4423
Android (android.graphics.Color)	4285878287 (0xFF75500F)
YUV	83.6530, -33.8459, 29.2453
Hunter-Lab	30.9091, 5.3396, 18.2726

Details

The YUV color **83.6530, -33.8459, 29.2453** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48.3470, 33.8459, -29.2453**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7460, -34.8778, 33.5488**, and **40.2680, -19.8521, 20.8130** is the 20% darker color. If you saturate the color by 10%, you get **79.9370, -37.9299, 32.5043**, and if you desaturate by 10%, it is **87.3690, -29.7619, 25.9864**.

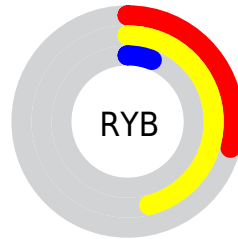
Distribution



Red (46%)

Green (31%)

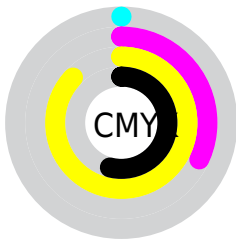
Blue (6%)



Red (29%)

Yellow (46%)

Blue (6%)

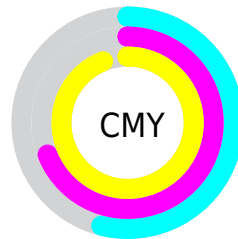


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (54%)



Cyan (54%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6530, -33.8459, 29.2453 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 83.6530, -33.8459, 29.2453 by changing the saturation by 10% instead.

83.6530, -33.8459,
29.2453

83.6530, -33.8459,
29.2453

254.6580, -1.3104,
0.2999

60.3690, -29.7619,
25.9864

134.7460,
-34.8778, 33.5488

40.2680, -19.8521,
20.8130

161.5290,
-35.7568, 35.4931

21.0530, -10.3791,
15.7395

188.8990,
-36.9252, 36.9226

0.0000, 0.0000,
0.0000

214.8880,
-36.9198, 35.1782

234.9890,
-33.5186, 17.5496

248.1600,

-26.2079, 5.9987

■ 251.3520,
-13.9775, 3.1993

■ 83.6530, -33.8459,
29.2453

■ 83.6530, -33.8459,
29.2453

■ 79.9370, -37.9299,
32.5043

■ 87.3690, -29.7619,
25.9864

■ 79.0080, -38.9509,
33.3190

■ 90.9710, -26.1147,
22.8274

■ 95.2740, -22.3201,
19.0537

■ 98.9900, -18.2361,
15.7948

■ 102.7060,
-14.1521, 12.5358

■ 106.3080,
-10.5048, 9.3769

■ 110.6110, -6.7102,
5.6032

■ 114.3270, -2.6262,
2.3442

■ 117.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



84.7490, -22.5543, 47.5781



83.6530, -33.8459, 29.2453



80.9120, -33.4806, 5.3392

Triad

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



83.6530, -33.8459, 29.2453



72.4310, 16.0565, -63.5220



90.1530, 21.6166, 20.0368

Complementary

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



83.6530, -33.8459, 29.2453



48.3470, 33.8459, -29.2453

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.



83.6790, 33.6823, -23.3975



83.6530, -33.8459, 29.2453



74.7910, 30.1760, -65.5917

Square

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



83.6530, -33.8459, 29.2453



67.8540, 1.0580, -59.5080



73.2070, 39.3379, -64.2025



87.4740, 8.1473, 46.9423

Rectangle

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



83.6530, -33.8459, 29.2453



78.0820, -24.6904, -14.1039



73.2070, 39.3379, -64.2025



89.5150, 25.8751, 7.4413

Sweetspot

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



83.6530, -33.8459, 29.2453



140.2220, -13.4204, 11.2063



49.7160, 1.1260, 59.0081



68.9810, -7.8786, 7.0327



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



83.6530, -33.8459, 29.2453



103.2730, -50.9136, 43.6106



101.1860, -42.4897, 1.5909



57.1420, -2.0420, 1.6295



82.2640, -40.5562, 34.8485



168.0830, -82.8649, 71.8412

Inverse Universe

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



48.3470, 33.8459, -29.2453



49.7270, 50.9136, -43.6106



30.8140, 42.4897, -1.5909



54.8580, 2.0420, -1.6295



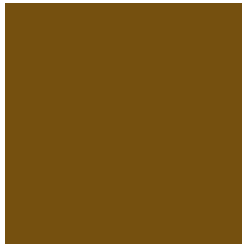
39.7360, 40.5562, -34.8485



81.9170, 82.8649, -71.8412

Previews

White Background



This preview shows how the YUV color 83.6530, -33.8459, 29.2453 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 83.6530, -33.8459, 29.2453 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 83.6530, -33.8459, 29.2453

Background



This preview shows how black text looks on a background with the YUV color 83.6530, -33.8459, 29.2453.



This preview shows how white text looks on a background with the YUV color 83.6530, -33.8459,

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

83.6530, -33.8459, 29.2453

Protanopia

83.1950, -32.6341, 13.8610

Deuteranopia

83.3920, -34.7033, 24.2122



Tritanopia

88.4380, -4.1599, 27.6799

Trichromacy



Original Color

83.6530, -33.8459, 29.2453

Protanomaly

83.4130, -33.2346, 19.8088

Deuteranomaly

83.5170, -34.2719, 25.8566

Tritanomaly

86.5770, -15.0745, 28.4350

Monochromacy



Original Color

83.6530, -33.8459, 29.2453

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1510, -12.3994, 10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6530, -33.8459, 29.2453 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(117, 80, 15)` looks like.

```
.text, #text, p{  
    color:rgb(117, 80, 15)  
}
```

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(117, 80, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 80, 15) }
```

Border

The CSS property to change the border of an element to YUV 83.6530, -33.8459, 29.2453 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(117, 80, 15) }
```


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

```
.border{ border-color:rgb(117, 80, 15) }
```

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

Here you see how a box with a 4 pixel rgb(117, 80, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 80, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 80, 15);  
box-shadow:4px 4px 4px 4px rgb(117, 80,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 83.6530, -33.8459, 29.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 80, 15) }
```

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

```
.background{ background-color: rgb(117, 80,  
15) }
```

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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