

Converting Colors

YUV(67.3500, -30.7385,
59.3291)

Have a look what the booklet for
YUV(67.3500, -30.7385, 59.3291)
contains.

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Color

**YUV(67.3500, -30.7385,
59.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	872D05
RGB	135, 45, 5
RGB Percent	53%, 18%, 2%
CMY	0.4706, 0.8235, 0.9804
CMYK	0.00, 0.67, 0.96, 0.47
HSL	18°, 93%, 27%
HSV	18°, 96%, 53%
XYZ	10.9575, 7.0386, 0.9246
YIQ	67.3500, 66.4800, 6.6400

Conversions

Conversions Part 2

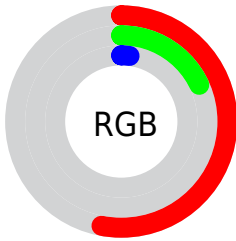
Format	Color
RYB	135, 63, 5
Decimal	8858885
CIELab	31.89, 36.91, 41.77
CIELCh	32, 55.734, 48.535
Yxy	7.0386, 0.5791, 0.3720
Android (android.graphics.Color)	4287048965 (0xFF872D05)
YUV	67.3500, -30.7385, 59.3291
Hunter-Lab	26.5304, 27.2949, 16.5049

Details

The YUV color **67.3500, -30.7385, 59.3291** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **72.6500, 30.7386, -59.3290**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1120, -33.0862, 65.6768**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **65.0190, -32.0544, 61.3733**, and if you desaturate by 10%, it is **74.2290, -27.2279, 53.2962**.

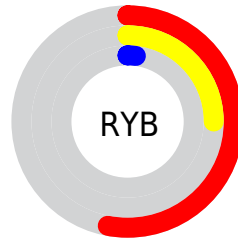
Distribution



Red (53%)

Green (18%)

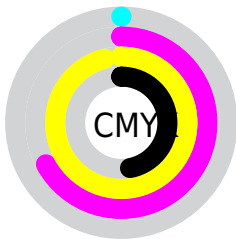
Blue (2%)



Red (53%)

Yellow (25%)

Blue (2%)

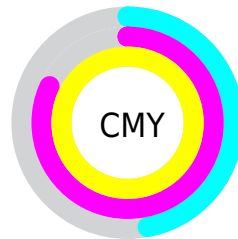


Cyan (0%)

Magenta (67%)

Yellow (96%)

Black (47%)



Cyan (47%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3500, -30.7385, 59.3291 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 67.3500, -30.7385, 59.3291 by changing the saturation by 10% instead.

67.3500, -30.7385,
59.3291

67.3500, -30.7385,
59.3291

252.9480, -7.8624,
1.7996

42.2600, -20.8342,
55.9000

120.1120,
-33.0862, 65.6768

23.0230, -11.3503,
47.3378

147.0800,
-34.5494, 68.3358

15.3630, -7.0810,
31.2536

174.7490,
-35.8653, 70.3801

1.4950, -0.7370,
3.0739

193.4480,
-32.7589, 53.9811


0.0000, 0.0000,
0.0000


212.9620,
-29.0683, 36.8673


232.4760,


-25.3777, 19.7535


 249.7560,
-20.0927, 4.5990


 67.3500, -30.7385,
59.3291


 67.3500, -30.7385,
59.3291

 65.0190, -32.0544,
61.3733

 74.2290, -27.2279,
53.2962

 81.5810, -24.4434,
46.8485

 88.4600, -20.9328,
40.8156

 95.2250, -17.8589,
34.8827

 102.6910,
-14.6377, 28.3350

■ 109.4560,
-11.5638, 22.4021

■ 116.3350, -8.0532,
16.3692

■ 123.6870, -5.2687,
9.9215

■ 130.5660, -1.7580,
3.8886

Harmonies

Analogous

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



59.9420, -4.9014, 78.9809



67.3500, -30.7385, 59.3291



71.0230, -35.0143, 30.6748

Triad

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



67.3500, -30.7385, 59.3291



60.9750, -2.4527, -53.4751



60.7000, 48.4619, -50.6029

Complementary

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



67.3500, -30.7385, 59.3291



72.6500, 30.7386, -59.3290

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.



68.3630, 46.1630, -59.9544



67.3500, -30.7385, 59.3291



66.8060, 17.3506, -58.5889

Square

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



67.3500, -30.7385, 59.3291



52.6990, -24.0086, -46.2170



69.9640, 34.5277, -61.3584



76.0430, 28.5728, 28.9033

Rectangle

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



67.3500, -30.7385, 59.3291



69.7170, -34.3705, 10.7722



69.9640, 34.5277, -61.3584



63.7810, 48.9150, -55.9359

Sweetspot

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



67.3500, -30.7385, 59.3291



149.6410, -12.1480, 23.1168



54.2440, 20.5857, 70.8230



73.1390, -7.4635, 13.9101



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.



67.3500, -30.7385, 59.3291



84.3220, -41.5707, 80.4016



104.9180, -49.2596, 26.3819



62.9680, -1.4632, 2.6591



62.3500, -30.7385, 59.3291



1.4840, -0.7316, 1.3295

Inverse Universe

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



72.6500, 30.7386, -59.3290



91.6780, 41.5707, -80.4016



35.0820, 49.2596, -26.3819



63.0320, 1.4632, -2.6591



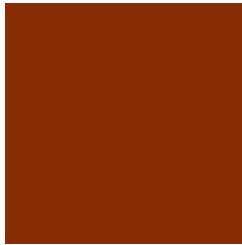
67.6500, 30.7385, -59.3291



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 67.3500, -30.7385, 59.3291 looks on a white background.

Color Contrast Check

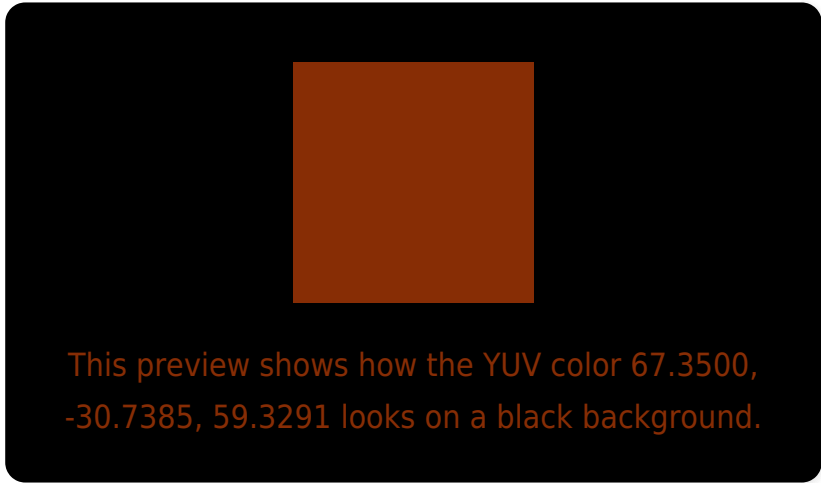
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

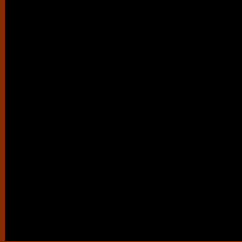
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3500, -30.7385, 59.3291

Background



This preview shows how black text looks on a background with the YUV color 67.3500, -30.7385, 59.3291.



This preview shows how white text looks on a background with the YUV color 67.3500, -30.7385,

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

67.3500, -30.7385, 59.3291

Protanopia

72.0360, -28.1187, 12.2464

Deuteranopia

70.9680, -34.9872, 21.9531



Tritanopia

70.3340, -12.9827, 57.5891

Trichromacy



Original Color

67.3500, -30.7385, 59.3291

Protanomaly

70.5050, -29.3360, 29.3751

Deuteranomaly

69.5120, -33.2834, 35.5080

Tritanomaly

69.3250, -19.3872, 58.4740

Monochromacy



Original Color

67.3500, -30.7385, 59.3291

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1570, -11.4164, 21.7873

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3500, -30.7385, 59.3291 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(135, 45, 5)` looks like.

```
.text, #text, p{  
    color:rgb(135, 45, 5)  
}
```

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(135, 45, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 45, 5) }
```

Border

The CSS property to change the border of an element to YUV 67.3500, -30.7385, 59.3291 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(135, 45, 5) }
```


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

```
.border{ border-color:rgb(135, 45, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 45, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 45, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 45, 5);  
box-shadow:4px 4px 4px 4px rgb(135, 45, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3500, -30.7385, 59.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 45, 5) }
```

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

```
.background{ background-color: rgb(135, 45,  
5) }
```

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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