

Converting Colors

YUV(89.4600, -44.1038,
99.5746)

Have a look what the booklet for
YUV(89.4600, -44.1038, 99.5746)
contains.

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Color

**YUV(89.4600, -44.1038,
99.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3100
RGB	203, 49, 0
RGB Percent	80%, 19%, 0%
CMY	0.2039, 0.8078, 1.0000
CMYK	0.00, 0.76, 1.00, 0.20
HSL	14°, 100%, 40%
HSV	14°, 100%, 80%
XYZ	25.7269, 14.8931, 1.5187
YIQ	89.4600, 107.5130, 17.4090

Conversions

Conversions Part 2

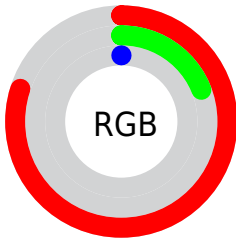
Format	Color
R_{YB}	203, 65, 0
Decimal	13316352
CIE _{Lab}	45.49, 58.40, 57.87
CIE _{LCh}	45, 82.218, 44.738
Yxy	14.8931, 0.6105, 0.3534
Android (android.graphics.Color)	4291506432 (0xFFCB3100)
YUV	89.4600, -44.1038, 99.5746
Hunter-Lab	38.5916, 51.4608, 24.6809

Details

The YUV color **89.4600, -44.1038, 99.5746** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **113.5400, 44.1038, -99.5746**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4380, -44.0929, 96.0859**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **89.4600, -44.1038, 99.5746**, and if you desaturate by 10%, it is **100.5450, -39.7087, 89.8530**.

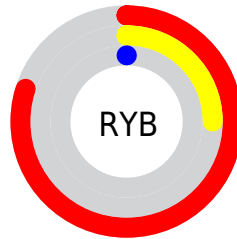
Distribution



Red (80%)

Green (19%)

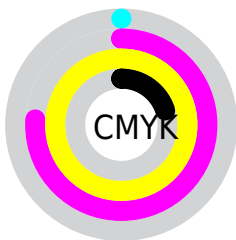
Blue (0%)



Red (80%)

Yellow (25%)

Blue (0%)

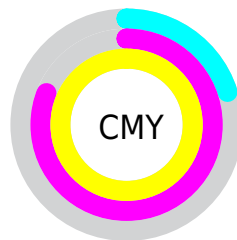


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (81%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.4600, -44.1038, 99.5746 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 89.4600, -44.1038, 99.5746 by changing the saturation by 10% instead.


 89.4600, -44.1038,
99.5746

 89.4600, -44.1038,
99.5746


 253.7460, -4.8048,
1.0998


 54.6510, -26.9429,
102.0381


 145.4380,
-44.0929, 96.0859


 41.5610, -20.4896,
85.4540


 164.7240,
-41.2759, 79.1721


 32.2920, -15.9200,
66.3959

 184.1240,
-38.0221, 62.1583

 23.4360, -11.0609,
47.8526

 204.1110,
-35.0577, 44.6297

 14.8790, -6.3493,
29.9241


 224.2120,
-31.6565, 27.0011

 0.0000, 0.0000,
0.0000


 244.3130,


-28.2553, 9.3725

 250.4400,
-17.4719, 3.9991

 89.4600, -44.1038,
99.5746

 100.5450,
-39.7087, 89.8530

 112.3310,
-35.1662, 79.5167

 123.4160,
-30.7711, 69.7952

 135.0880,
-26.6654, 59.5588

 146.2870,
-21.8335, 49.7373

■ 157.3720,
-17.4384, 40.0158

■ 169.0440,
-13.3327, 29.7794

■ 180.1290, -8.9376,
20.0579

■ 191.9150, -4.3951,
9.7215

Harmonies

Analogous

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



75.5690, 1.1985, 129.2970



89.4600, -44.1038, 99.5746



101.2570, -49.9197, 51.5176

Triad

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



89.4600, -44.1038, 99.5746



85.9370, -8.3499, -75.3667



89.9240, 75.4665, -78.8633

Complementary

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



89.4600, -44.1038, 99.5746



113.5400, 44.1038, -99.5746

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.



101.5500, 69.2419, -89.0593



89.4600, -44.1038, 99.5746



95.3190, 22.5207, -83.5948

Square

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



89.4600, -44.1038, 99.5746



75.1360, -37.0420, -65.8943



101.9140, 50.3284, -89.3786



107.4780, 49.0643, 36.4148

Rectangle

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



89.4600, -44.1038, 99.5746



100.4610, -49.5273, 18.8897



101.9140, 50.3284, -89.3786



95.0760, 74.8985, -83.3817

Sweetspot

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



89.4600, -44.1038, 99.5746



212.2900, -16.4120, 37.4567



78.4810, 38.2169, 109.2032



102.2110, -9.9640, 22.6170



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



89.4600, -44.1038, 99.5746



112.6390, -55.5310, 124.8506



148.1600, -73.0429, 48.0947



96.1640, -2.0529, 5.1182



73.1140, -36.0452, 81.4610



16.6450, -8.2060, 18.7283

Inverse Universe

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



113.5400, 44.1038, -99.5746



142.3610, 55.5310, -124.8506



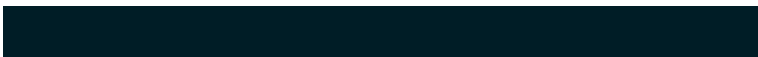
54.8400, 73.0429, -48.0947



97.8360, 2.0529, -5.1182



92.8860, 36.0452, -81.4610



21.3550, 8.2060, -18.7283

Previews

White Background



This preview shows how the YUV color 89.4600, -44.1038, 99.5746 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 89.4600, -44.1038, 99.5746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

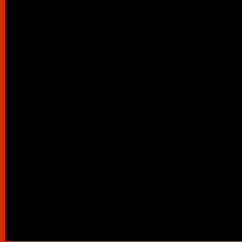
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4600, -44.1038, 99.5746

Background



This preview shows how black text looks on a background with the YUV color 89.4600, -44.1038, 99.5746.



This preview shows how white text looks on a background with the YUV color 89.4600, -44.1038,

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

103.0830, -39.4809, 16.5902

Deuteranopia

101.4240, -50.0020, 31.2002

Tritanopia

93.3560, -22.8535, 97.0348

Trichromacy



Protanomaly

97.9280, -40.8835, 46.5441

Deuteranomaly

96.8600, -47.7520, 56.2508

Tritanomaly

92.0050, -30.5685, 98.2196

Monochromacy



Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8060, -15.6804, 36.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4600, -44.1038, 99.5746 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(203, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 49, 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(203, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 49, 0) }
```

Border

The CSS property to change the border of an element to YUV 89.4600, -44.1038, 99.5746 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(203, 49, 0) }
```

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

```
.border{ border-color:rgb(203, 49, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 49, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 49, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 49, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 49, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 89.4600, -44.1038, 99.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 49, 0) }
```

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

```
.background{ background-color: rgb(203, 49,  
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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