

Converting Colors

YUV(93.8790, -46.2823,
98.3301)

Have a look what the booklet for
YUV(93.8790, -46.2823, 98.3301)
contains.

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Color

**YUV(93.8790, -46.2823,
98.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	CE3700
RGB	206, 55, 0
RGB Percent	81%, 22%, 0%
CMY	0.1922, 0.7843, 1.0000
CMYK	0.00, 0.73, 1.00, 0.19
HSL	16°, 100%, 40%
HSV	16°, 100%, 81%
XYZ	26.8198, 15.8542, 1.6466
YIQ	93.8790, 107.6510, 14.9070

Conversions

Conversions Part 2

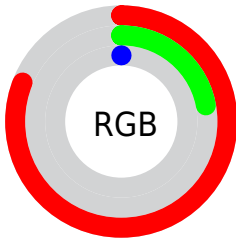
Format	Color
R_{YB}	206, 75, 0
Decimal	13514496
CIE _{Lab}	46.78, 57.34, 58.79
CIE _{LCh}	47, 82.118, 45.716
Yxy	15.8542, 0.6051, 0.3577
Android (android.graphics.Color)	4291704576 (0xFFCE3700)
YUV	93.8790, -46.2823, 98.3301
Hunter-Lab	39.8173, 50.5521, 25.4202

Details

The YUV color **93.8790, -46.2823, 98.3301** 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 **112.1210, 46.2823, -98.3301**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4870, -45.1031, 93.4119**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **93.8790, -46.2823, 98.3301**, and if you desaturate by 10%, it is **105.0780, -41.4505, 88.5086**.

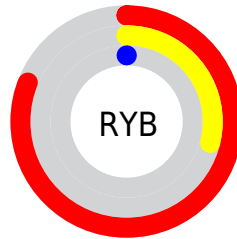
Distribution



Red (81%)

Green (22%)

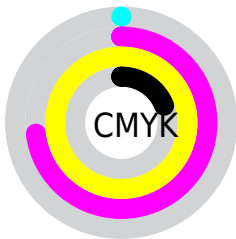
Blue (0%)



Red (81%)

Yellow (29%)

Blue (0%)

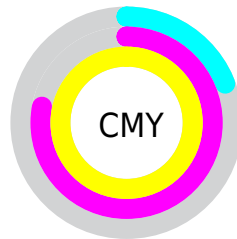


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (78%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.8790, -46.2823, 98.3301 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 93.8790, -46.2823, 98.3301 by changing the saturation by 10% instead.


 93.8790, -46.2823,
98.3301


 93.8790, -46.2823,
98.3301


 253.9740, -3.9312,
0.8998


 63.1790, -31.1472,
97.1900


 148.4870,
-45.1031, 93.4119


 42.4580, -20.9318,
87.2983


 167.7730,
-42.2861, 76.4981


 33.1890, -16.3622,
68.2402


 187.1730,
-39.0323, 59.4843

 23.9200, -11.7926,
49.1822

 207.1600,
-36.0679, 41.9557

 16.0750, -6.9390,
32.3832

 227.2610,
-32.6667, 24.3271


 0.2990, -0.1474,
0.6148


 247.4760,

 0.0000, 0.0000,


-28.8287, 6.5985


0.0000

 250.6680,
-16.5983, 3.7992

 93.8790, -46.2823,
98.3301

 105.0780,
-41.4505, 88.5086

 116.1630,
-37.0554, 78.7870

 127.3620,
-32.2235, 68.9655

 138.4470,
-27.8284, 59.2440

 150.2330,
-23.2859, 48.9077

■ 161.4320,
-18.4540, 39.0861

■ 172.5170,
-14.0589, 29.3646

■ 183.7160, -9.2270,
19.5431

■ 194.8010, -4.8319,
9.8215

Harmonies

Analogous

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



76.8790, 1.0457, 131.6561



93.8790, -46.2823, 98.3301



104.7900, -51.6615, 50.1732

Triad

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



93.8790, -46.2823, 98.3301



88.8550, -7.3235, -77.9258



91.4400, 76.1981, -80.1929

Complementary

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



93.8790, -46.2823, 98.3301



112.1210, 46.2823, -98.3301

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.



103.8810, 70.5577, -91.1036



93.8790, -46.2823, 98.3301



98.3510, 23.9840, -86.2538

Square

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



93.8790, -46.2823, 98.3301



76.8970, -37.9102, -67.4387



104.9460, 51.7916, -92.0376



110.6740, 48.4747, 38.8739

Rectangle

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



93.8790, -46.2823, 98.3301



103.4070, -50.9797, 18.0601



104.9460, 51.7916, -92.0376



97.2930, 75.7776, -85.3260

Sweetspot

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



93.8790, -46.2823, 98.3301



213.4640, -16.9908, 36.4271



78.8080, 35.5907, 111.5474



102.7980, -10.2534, 22.1022



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.



93.8790, -46.2823, 98.3301



116.1610, -57.2674, 121.7618



154.3400, -76.0896, 45.3058



96.7510, -2.3422, 4.6034



75.4620, -37.2028, 79.4018



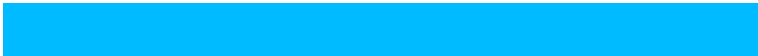
17.2320, -8.4954, 18.2135

Inverse Universe

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



112.1210, 46.2823, -98.3301



138.8390, 57.2674, -121.7618



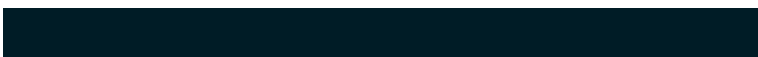
51.6600, 76.0896, -45.3058



97.2490, 2.3422, -4.6034



89.9510, 37.4922, -78.8870



20.7680, 8.4954, -18.2135

Previews

White Background



This preview shows how the YUV color 93.8790, -46.2823, 98.3301 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 93.8790, -46.2823, 98.3301 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 93.8790, -46.2823, 98.3301

Background



This preview shows how black text looks on a background with the YUV color 93.8790, -46.2823, 98.3301.



This preview shows how white text looks on a background with the YUV color 93.8790, -46.2823,

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

93.8790, -46.2823, 98.3301

Protanopia

106.0400, -40.9387, 17.5049

Deuteranopia

104.3810, -51.4598, 32.1149



Tritanopia

97.8720, -22.1219, 95.7053

Trichromacy



Original Color

93.8790, -46.2823, 98.3301

Protanomaly

101.4720, -42.6307, 46.9441

Deuteranomaly

100.4040, -49.4992, 56.6507

Tritanomaly

96.2930, -30.7104, 97.0900

Monochromacy



Original Color

93.8790, -46.2823, 98.3301

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1650, -16.8433, 35.8123

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8790, -46.2823, 98.3301 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(206, 55, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 55, 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(206, 55, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 55, 0) }
```

Border

The CSS property to change the border of an element to YUV 93.8790, -46.2823, 98.3301 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(206, 55, 0) }
```


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

```
.border{ border-color:rgb(206, 55, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 55, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 55, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 55, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 55, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.8790, -46.2823, 98.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 55, 0) }
```

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

```
.background{ background-color: rgb(206, 55,  
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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