

Converting Colors

YUV(101.6420, -50.1095,
112.5700)

Have a look what the booklet for
YUV(101.6420, -50.1095, 112.5700)
contains.

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Color

**YUV(101.6420, -50.1095,
112.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	E63800
RGB	230, 56, 0
RGB Percent	90%, 22%, 0%
CMY	0.0980, 0.7804, 1.0000
CMYK	0.00, 0.76, 1.00, 0.10
HSL	15°, 100%, 45%
HSV	15°, 100%, 90%
XYZ	34.0473, 19.6513, 1.9986
YIQ	101.6420, 121.6800, 19.4720

Conversions

Conversions Part 2

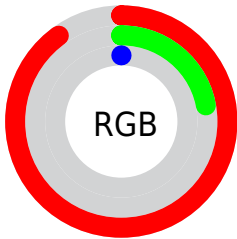
Format	Color
R_{YB}	230, 74, 0
Decimal	15087616
CIE Lab	51.44, 64.41, 63.52
CIE LCh	51, 90.461, 44.602
Yxy	19.6513, 0.6113, 0.3528
Android (android.graphics.Color)	4293277696 (0xFFE63800)
YUV	101.6420, -50.1095, 112.5700
Hunter-Lab	44.3298, 59.5188, 28.3578

Details

The YUV color **101.6420, -50.1095, 112.5700** 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 **128.3580, 50.1095, -112.5700**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1770, -44.9503, 91.0528**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **101.6420, -50.1095, 112.5700**, and if you desaturate by 10%, it is **114.2430, -44.9828, 101.5189**.

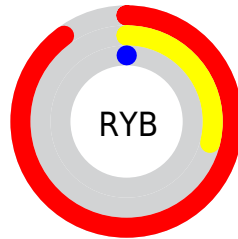
Distribution



Red (90%)

Green (22%)

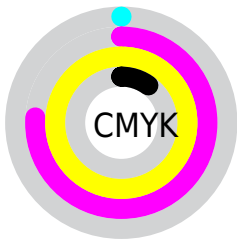
Blue (0%)



Red (90%)

Yellow (29%)

Blue (0%)

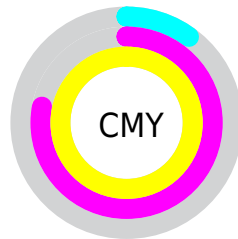


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (78%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.6420, -50.1095, 112.5700 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 101.6420, -50.1095, 112.5700 by changing the saturation by 10% instead.


 101.6420,
-50.1095, 112.5700


 101.6420,
-50.1095, 112.5700


 254.4300, -2.1840,
0.4999

 67.1210, -33.0907,
113.9039


 151.1770,
-44.9503, 91.0528


 49.3350, -24.3222,
101.4382


 170.4630,
-42.1333, 74.1389


 39.4680, -19.4577,
81.1506


 190.4500,
-39.1688, 56.6104

 30.1990, -14.8881,
62.0925

 210.5510,
-35.7676, 38.9818

 21.8700, -9.3029,
43.9640

 231.2390,
-32.6558, 20.8384


 12.3730, -5.6069,
25.1059


 247.9320,

 0.0000, 0.0000,


-27.0815, 6.1986

0.0000


 251.1240,
-14.8511, 3.3993

 101.6420,
-50.1095, 112.5700

 114.2430,
-44.9828, 101.5189

 127.4310,
-40.1455, 89.9530

 140.0320,
-35.0188, 78.9019

 153.2200,
-30.1815, 67.3361

 165.8210,
-25.0548, 56.2850

■ 178.4220,
-19.9280, 45.2339

■ 191.6100,
-15.0907, 33.6680

■ 204.2110, -9.9640,
22.6170

■ 217.3990, -5.1267,
11.0511

Harmonies

Analogous

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



85.4940, 1.7285, 146.0258



101.6420, -50.1095, 112.5700



115.4660, -56.9247, 58.3503

Triad

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



101.6420, -50.1095, 112.5700



97.5290, -9.6278, -85.5329



99.5100, 76.6566, -87.2703

Complementary

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



101.6420, -50.1095, 112.5700



128.3580, 50.1095, -112.5700

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.



113.0110, 70.0006, -99.1106



101.6420, -50.1095, 112.5700



108.6380, 25.3215, -95.2755

Square

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



101.6420, -50.1095, 112.5700



85.1150, -41.9617, -74.6459



115.5580, 56.9129, -101.3444



122.2210, 55.6000, 40.1482

Rectangle

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



101.6420, -50.1095, 112.5700



114.3490, -56.3741, 21.6189



115.5580, 56.9129, -101.3444



105.3800, 73.7627, -92.4183

Sweetspot

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



101.6420, -50.1095, 112.5700



212.2900, -16.4120, 37.4567



88.8340, 42.9728, 123.8026



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.



101.6420, -50.1095, 112.5700



112.6390, -55.5310, 124.8506



167.9730, -82.8107, 54.3977



108.3490, -2.6371, 5.8329



78.7620, -38.8297, 87.9087



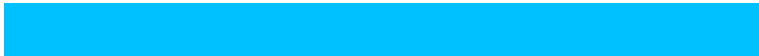
22.2930, -10.9904, 25.1760

Inverse Universe

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



128.3580, 50.1095, -112.5700



142.3610, 55.5310, -124.8506



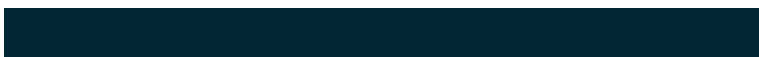
62.0270, 82.8107, -54.3977



109.6510, 2.6371, -5.8329



99.6510, 39.1191, -87.3939



28.7070, 10.9904, -25.1760

Previews

White Background



This preview shows how the YUV color 101.6420, -50.1095, 112.5700 looks on a white 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

Black Background



This preview shows how the YUV color 101.6420, -50.1095, 112.5700 looks on a black 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

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

YUV 101.6420, -50.1095, 112.5700 Background



This preview shows how black text looks on a background with the YUV color 101.6420, -50.1095, 112.5700.



This preview shows how white text looks on a background with the YUV color 101.6420, -50.1095, 112.5700.

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

101.6420, -50.1095, 112.5700

Protanopia

117.4270, -44.5805, 18.9195

Deuteranopia

115.0240, -56.7068, 35.0590



Tritanopia

105.6350, -25.9491, 109.9451

Trichromacy



Original Color

101.6420, -50.1095, 112.5700

Protanomaly

111.4790, -46.5781, 53.0769

Deuteranomaly

110.1830, -54.3202, 62.9835

Tritanomaly

104.0560, -34.5376, 111.3299

Monochromacy



Original Color

101.6420, -50.1095, 112.5700

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8560, -18.1700, 41.3453

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6420, -50.1095, 112.5700 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(230, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 56, 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(230, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 56, 0) }
```

Border

The CSS property to change the border of an element to YUV 101.6420, -50.1095, 112.5700 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(230, 56, 0) }
```


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

```
.border{ border-color:rgb(230, 56, 0) }
```

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

Here you see how a box with a 4 pixel rgb(230, 56, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 56, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 101.6420, -50.1095, 112.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 56, 0) }
```

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

```
.background{ background-color: rgb(230, 56,  
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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