

Converting Colors

YUV(112.0430, -55.2372,
77.1383)

Have a look what the booklet for
YUV(112.0430, -55.2372, 77.1383)
contains.

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Color

**YUV(112.0430, -55.2372,
77.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	C85900
RGB	200, 89, 0
RGB Percent	78%, 35%, 0%
CMY	0.2157, 0.6510, 1.0000
CMYK	0.00, 0.56, 1.00, 0.22
HSL	27°, 100%, 39%
HSV	27°, 100%, 78%
XYZ	27.3918, 19.4241, 2.3055
YIQ	112.0430, 94.7250, -4.1470

Conversions

Conversions Part 2

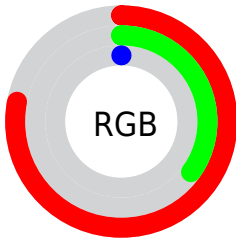
Format	Color
R_{YB}	200, 160, 0
Decimal	13129984
CIE _{Lab}	51.18, 40.70, 60.50
CIE _{LCh}	51, 72.912, 56.070
Yxy	19.4241, 0.5576, 0.3954
Android (android.graphics.Color)	4291320064 (0xFFC85900)
YUV	112.0430, -55.2372, 77.1383
Hunter-Lab	44.0728, 33.8126, 27.7494

Details

The YUV color **112.0430, -55.2372, 77.1383** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **87.9570, 55.2372, -77.1383**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0800, -51.3114, 77.9828**, and **63.5680, -31.3390, 65.2769** is the 20% darker color. If you saturate the color by 10%, you get **112.0430, -55.2372, 77.1383**, and if you desaturate by 10%, it is **120.7800, -49.6845, 69.4759**.

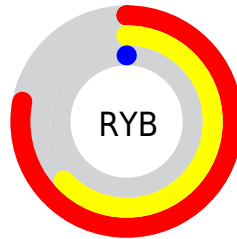
Distribution



Red (78%)

Green (35%)

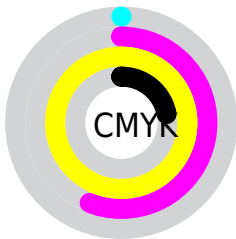
Blue (0%)



Red (78%)

Yellow (63%)

Blue (0%)

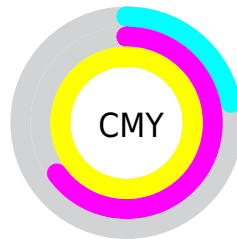


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0430, -55.2372, 77.1383 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 112.0430, -55.2372, 77.1383 by changing the saturation by 10% instead.

■ 112.0430,
-55.2372, 77.1383

■ 112.0430,
-55.2372, 77.1383

■ 254.8860, -0.4368,
0.1000

■ 88.0990, -43.4328,
70.9502

■ 166.0800,
-51.3114, 77.9828

■ 63.5680, -31.3390,
65.2769

■ 185.4800,
-48.0576, 60.9690

■ 36.4010, -17.9457,
62.7923

■ 204.2930,
-44.5144, 44.4700

■ 23.3220, -11.4977,
47.9526

■ 224.3940,
-41.1132, 26.8415

■ 15.9610, -7.3758,
32.4832

■ 244.4950,
-37.7120, 9.2129


■ 2.0930, -1.0318,
4.3034


■ 248.2740,

■ 0.0000, 0.0000,


-25.7711, 5.8987

0.0000

 251.5800,
-13.1039, 2.9993


 112.0430,
-55.2372, 77.1383

 120.7800,
-49.6845, 69.4759

 129.5170,
-44.1319, 61.8136

 138.2540,
-38.5792, 54.1512

 146.9910,
-33.0266, 46.4889

 156.3150,
-27.7633, 38.3117

■ 165.0520,
-22.2106, 30.6494

■ 173.7890,
-16.6580, 22.9870

■ 182.5260,
-11.1053, 15.3247

■ 191.2630, -5.5527,
7.6623

Harmonies

Analogous

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



108.3660, -17.9284, 104.0420



112.0430, -55.2372, 77.1383



115.0240, -56.7068, 35.0590

Triad

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



112.0430, -55.2372, 77.1383



99.6440, 6.0915, -87.3878



119.4770, 56.9528, -20.5893

Complementary

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



112.0430, -55.2372, 77.1383



87.9570, 55.2372, -77.1383

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.



105.7560, 70.1263, -92.7480



112.0430, -55.2372, 77.1383



107.4130, 33.3204, -94.2012

Square

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



112.0430, -55.2372, 77.1383



89.6580, -22.0164, -78.6301



110.7650, 56.3179, -97.1409



121.9400, 35.0326, 57.0576

Rectangle

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



112.0430, -55.2372, 77.1383



110.7060, -54.5781, 5.5198



110.7650, 56.3179, -97.1409



96.9680, 71.9938, -85.0409

Sweetspot

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



112.0430, -55.2372, 77.1383



221.6820, -21.0422, 29.2199



72.6820, 19.8768, 111.6579



107.4940, -12.5685, 17.9838



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.



112.0430, -55.2372, 77.1383



142.5760, -70.2900, 98.5958



169.5690, -83.5975, 26.6880



95.0390, -2.4842, 3.4738



91.5880, -45.1529, 62.6283



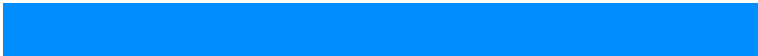
20.1560, -9.9369, 13.8952

Inverse Universe

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



87.9570, 55.2372, -77.1383



112.4240, 70.2900, -98.5958



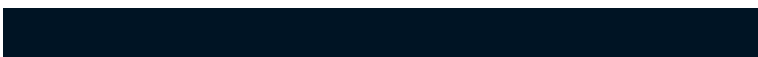
30.4310, 83.5975, -26.6880



93.9610, 2.4842, -3.4738



71.9990, 44.8635, -63.1431



15.8440, 9.9369, -13.8952

Previews

White Background



This preview shows how the YUV color 112.0430, -55.2372, 77.1383 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 112.0430, -55.2372, 77.1383 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 112.0430, -55.2372, 77.1383

Background



This preview shows how black text looks on a background with the YUV color 112.0430, -55.2372, 77.1383.



This preview shows how white text looks on a background with the YUV color 112.0430, -55.2372, 77.1383.

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

115.6290, -47.6381, 19.6194

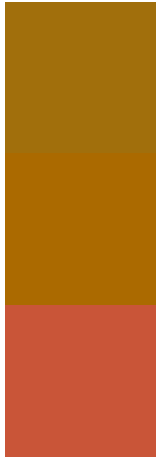
Deuteranopia

114.4370, -56.4174, 35.5738

Tritanopia

119.1510, -15.3574, 72.6586

Trichromacy



Protanomaly

114.6640, -50.6134, 40.6367

Deuteranomaly

113.3510, -55.8820, 50.5582

Tritanomaly

116.3780, -29.7664, 74.2135

Monochromacy



Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1980, -20.3106, 27.8904

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0430, -55.2372, 77.1383 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(200, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(200, 89, 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(200, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 89, 0) }
```

Border

The CSS property to change the border of an element to YUV 112.0430, -55.2372, 77.1383 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(200, 89, 0) }
```

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

```
.border{ border-color:rgb(200, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(200, 89, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 112.0430, -55.2372, 77.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 89, 0) }
```

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

```
.background{ background-color: rgb(200, 89,  
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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