

Converting Colors

YUV(114.8790, -56.6353,
58.8651)

Have a look what the booklet for
YUV(114.8790, -56.6353, 58.8651)
contains.

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Color

**YUV(114.8790, -56.6353,
58.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	B66700
RGB	182, 103, 0
RGB Percent	71%, 40%, 0%
CMY	0.2863, 0.5961, 1.0000
CMYK	0.00, 0.43, 1.00, 0.29
HSL	34°, 100%, 36%
HSV	34°, 100%, 71%
XYZ	24.1417, 19.6456, 2.5196
YIQ	114.8790, 80.1470, -15.2850

Conversions

Conversions Part 2

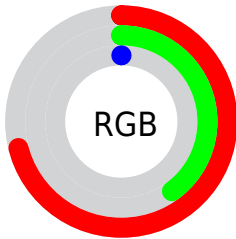
Format	Color
R_{YB}	140, 182, 0
Decimal	11953920
CIE Lab	51.43, 25.99, 59.27
CIE LCh	51, 64.719, 66.327
Yxy	19.6456, 0.5213, 0.4242
Android (android.graphics.Color)	4290144000 (0xFFB66700)
YUV	114.8790, -56.6353, 58.8651
Hunter-Lab	44.3233, 19.6580, 27.6560

Details

The YUV color **114.8790, -56.6353, 58.8651** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **67.1210, 56.6353, -58.8651**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1230, -53.3046, 63.9131**, and **69.0620, -34.0476, 47.3036** is the 20% darker color. If you saturate the color by 10%, you get **114.8790, -56.6353, 58.8651**, and if you desaturate by 10%, it is **121.6270, -51.0881, 52.9471**.

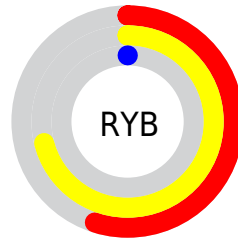
Distribution



Red (71%)

Green (40%)

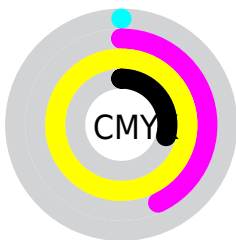
Blue (0%)



Red (55%)

Yellow (71%)

Blue (0%)

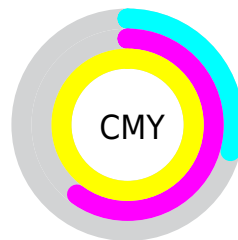


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8790, -56.6353, 58.8651 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 114.8790, -56.6353, 58.8651 by changing the saturation by 10% instead.

■ 114.8790,
-56.6353, 58.8651

■ 114.8790,
-56.6353, 58.8651

255.0000, 0.0000,
0.0000

■ 91.8210, -45.2678,
52.7770

■ 171.1230,
-53.3046, 63.9131

■ 69.0620, -34.0476,
47.3036

■ 193.3390,
-50.9461, 54.0767

■ 46.5910, -22.9694,
40.7007

■ 212.1520,
-47.4029, 37.5777

■ 24.7180, -12.1860,
35.3273

■ 232.2530,
-44.0017, 19.9491


■ 12.5580, -6.1911,
25.8206


■ 245.3100,
-37.1278, 8.4981


■ 0.0000, 0.0000,
0.0000


■ 248.5020,


-24.8975, 5.6987


 251.8080,
-12.2303, 2.7994

 114.8790,
-56.6353, 58.8651

 121.6270,
-51.0881, 52.9471

 128.3750,
-45.5409, 47.0291

 135.2370,
-39.5568, 41.0112

 141.9850,
-34.0096, 35.0932

 148.7330,
-28.4624, 29.1752

■ 154.8940,
-22.6257, 23.7720

■ 161.6420,
-17.0785, 17.8540

■ 168.5040,
-11.0945, 11.8360

■ 175.2520, -5.5472,
5.9180

Harmonies

Analogous

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



115.4270, -27.3255, 84.6945



114.8790, -56.6353, 58.8651



113.7510, -56.0792, 20.3894

Triad

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



114.8790, -56.6353, 58.8651



101.4510, 15.5537, -88.9725



125.1190, 43.3253, 10.4196

Complementary

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



114.8790, -56.6353, 58.8651



67.1210, 56.6353, -58.8651

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.



100.5240, 65.3107, -88.1595



114.8790, -56.6353, 58.8651



107.0200, 39.4301, -93.8565

Square

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



114.8790, -56.6353, 58.8651



93.6650, -9.2018, -82.1442



107.7160, 57.3280, -94.4669



121.4930, 22.9280, 66.2196

Rectangle

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



114.8790, -56.6353, 58.8651



108.5580, -53.5191, -7.5054



107.7160, 57.3280, -94.4669



121.9740, 49.8058, -14.8862

Sweetspot

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



114.8790, -56.6353, 58.8651



210.7090, -22.0415, 23.0572



63.7660, 8.9894, 103.6912



103.9450, -13.2839, 14.0802



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



114.8790, -56.6353, 58.8651



149.5210, -73.7139, 76.7191



158.5610, -78.1706, 12.6630



88.6260, -2.7736, 2.9590



98.3000, -48.4619, 50.6029



17.7640, -8.7577, 8.9770

Inverse Universe

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



67.1210, 56.6353, -58.8651



87.4790, 73.7139, -76.7191



23.4390, 78.1706, -12.6630



86.3740, 2.7736, -2.9590



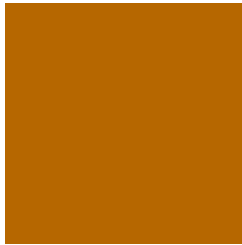
57.7000, 48.4619, -50.6029



10.2360, 8.7577, -8.9770

Previews

White Background



This preview shows how the YUV color 114.8790, -56.6353, 58.8651 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 114.8790, -56.6353, 58.8651 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 114.8790, -56.6353, 58.8651

Background



This preview shows how black text looks on a background with the YUV color 114.8790, -56.6353, 58.8651.



This preview shows how white text looks on a background with the YUV color 114.8790, -56.6353, 58.8651.

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

114.8790, -56.6353, 58.8651

Protanopia

116.0590, -49.8221, 20.1193

Deuteranopia

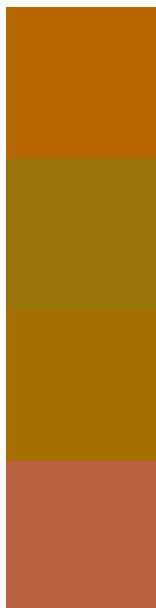
115.3230, -56.8542, 35.6737



Tritanopia

123.7080, -10.2090, 54.6301

Trichromacy



Original Color

114.8790, -56.6353, 58.8651

Protanomaly

115.5770, -52.0495, 34.5740

Deuteranomaly

115.0790, -56.7339, 43.7807

Tritanomaly

120.9520, -27.0913, 56.1701

Monochromacy



Original Color

114.8790, -56.6353, 58.8651

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0400, -20.7257, 21.0129

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8790, -56.6353, 58.8651 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(182, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 103, 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(182, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 103, 0) }
```

Border

The CSS property to change the border of an element to YUV 114.8790, -56.6353, 58.8651 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(182, 103, 0) }
```


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

```
.border{ border-color:rgb(182, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 103,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 114.8790, -56.6353, 58.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 103, 0) }
```

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

```
.background{ background-color: rgb(182,  
103, 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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