

# Converting Colors

YUV(119.4550, -33.2553,  
73.2690)

Have a look what the booklet for  
YUV(119.4550, -33.2553, 73.2690)  
contains.

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# Color

**YUV(119.4550, -33.2553,  
73.2690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5A34
RGB	203, 90, 52
RGB Percent	80%, 35%, 20%
CMY	0.2039, 0.6471, 0.7961
CMYK	0.00, 0.56, 0.74, 0.20
HSL	15°, 59%, 50%
HSV	15°, 74%, 80%
XYZ	28.9046, 20.2568, 5.6353
YIQ	119.4550, 79.5460, 12.1380

# Conversions

## Conversions Part 2

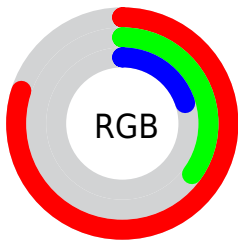
Format	Color
<a href="#">RYB</a>	<a href="#">203, 103, 52</a>
Decimal	<a href="#">13326900</a>
CIELab	<a href="#">52.13, 42.59, 42.93</a>
CIElCh	<a href="#">52, 60.469, 45.225</a>
Yxy	<a href="#">20.2568, 0.5275, 0.3697</a>
Android (android.graphics.Color)	<a href="#">4291516980 (0xFFCB5A34)</a>
YUV	<a href="#">119.4550, -33.2553, 73.2690</a>
Hunter-Lab	<a href="#">45.0075, 35.8726, 24.0817</a>

# Details

The YUV color **119.4550, -33.2553, 73.2690** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **135.5450, 33.2553, -73.2690**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7000, -34.8551, 73.0541**, and **65.2200, -30.1815, 67.3361** is the 20% darker color. If you saturate the color by 10%, you get **108.3700, -37.6504, 82.9905**, and if you desaturate by 10%, it is **130.5400, -28.8602, 63.5474**.

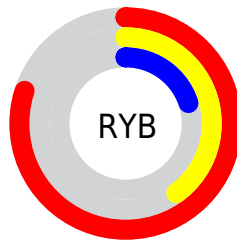
# Distribution



Red (80%)

Green (35%)

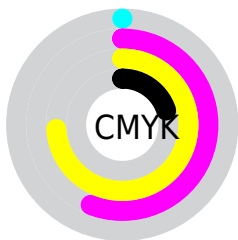
Blue (20%)



Red (80%)

Yellow (40%)

Blue (20%)

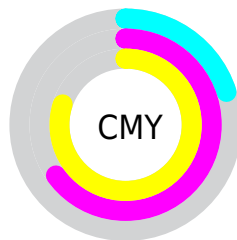


Cyan (0%)

Magenta (56%)

Yellow (74%)

Black (20%)



Cyan (20%)

Magenta (65%)


Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.4550, -33.2553, 73.2690 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 119.4550, -33.2553, 73.2690 by changing the saturation by 10% instead.





 119.4550,  
-33.2553, 73.2690


 119.4550,  
-33.2553, 73.2690


255.0000, 0.0000,  
0.0000

 92.3020, -31.2079,  
69.8951


 171.7000,  
-34.8551, 73.0541


 65.2200, -30.1815,  
67.3361


 190.3990,  
-31.7487, 56.6551

 36.1350, -17.8146,  
67.4106

 209.7990,  
-28.4949, 39.6413

 24.8170, -12.2348,  
51.0265

 229.9000,  
-25.0937, 22.0127

 16.8580, -7.8180,  
34.3275

 249.5280,  
-20.9663, 4.7989

 5.9800, -2.9481,  
12.2955

 252.8340, -8.2992,

 0.0000, 0.0000,

1.8996

0.0000

■ 119.4550,  
-33.2553, 73.2690

■ 119.4550,  
-33.2553, 73.2690

■ 108.3700,  
-37.6504, 82.9905

■ 130.5400,  
-28.8602, 63.5474

■ 97.1710, -42.4823,  
92.8120

■ 141.7390,  
-24.0283, 53.7259

■ 90.6340, -44.6826,  
98.5450

■ 153.4110,  
-19.9226, 43.4896

■ 164.4960,  
-15.5275, 33.7680

■ 175.6950,  
-10.6956, 23.9465

■ 186.7800, -6.3005,  
14.2249

■ 197.8650, -1.9054,  
4.5034

■ 209.5370, 2.2003,  
-5.7329

■ 220.7360, 7.0322,  
-15.5545

# Harmonies

## Analogous

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



118.5470, -9.1437, 86.3433



119.4550, -33.2553, 73.2690



117.3890, -56.8868, 46.1398

# Triad

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



119.4550, -33.2553, 73.2690



97.2330, -0.6079, -85.2733



115.8130, 53.8292, -45.4400

# Complementary

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



119.4550, -33.2553, 73.2690



135.5450, 33.2553, -73.2690

# 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.



106.0690, 58.6330, -93.0225



119.4550, -33.2553, 73.2690



103.9760, 22.6898, -91.1870

# Square

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



119.4550, -33.2553, 73.2690



106.4350, -30.2875, -38.9695



108.1600, 43.7981, -94.8563



127.9380, 34.5406, 28.1184



# Rectangle

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



119.4550, -33.2553, 73.2690



115.5340, -56.9583, 22.3337



108.1600, 43.7981, -94.8563



101.1280, 62.5479, -88.6893

# Sweetspot

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



119.4550, -33.2553, 73.2690



223.9620, -12.3063, 27.2203



110.0310, 27.0997, 81.5338



109.4490, -7.6164, 16.2692



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.



119.4550, -33.2553, 73.2690



129.3320, -49.9567, 110.2108



163.4800, -54.9596, 34.6590



96.1640, -2.0529, 5.1182



74.2880, -36.6240, 80.4314



17.2320, -8.4954, 18.2135



# Inverse Universe

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



135.5450, 33.2553, -73.2690



153.6680, 49.9567, -110.2108



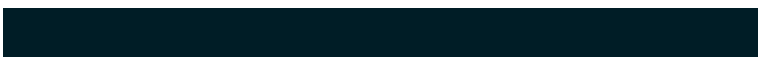
91.5200, 54.9596, -34.6590



97.2490, 2.3422, -4.6034



91.7120, 36.6240, -80.4314

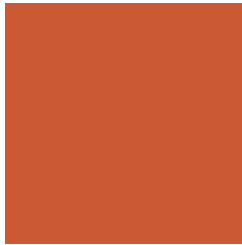


21.3550, 8.2060, -18.7283



# Previews

## White Background



This preview shows how the YUV color 119.4550, -33.2553, 73.2690 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 119.4550, -33.2553, 73.2690 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 119.4550, -33.2553, 73.2690

## Background



This preview shows how black text looks on a background with the YUV color 119.4550, -33.2553, 73.2690.



This preview shows how white text looks on a background with the YUV color 119.4550, -33.2553, 73.2690.



# 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

119.4550, -33.2553, 73.2690

### Protanopia

121.8190, -28.9978, 14.1907

### Deuteranopia

121.6270, -37.7771, 30.1451



## Tritanopia

121.5640, -15.0681, 73.1734

# Trichromacy



## Original Color

119.4550, -33.2553, 73.2690

## Protanomaly

120.9080, -30.5206, 36.0377

## Deuteranomaly

120.5950, -35.7893, 45.9592

## Tritanomaly

120.8430, -21.6146, 72.9287

# Monochromacy



## Original Color

119.4550, -33.2553, 73.2690

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0760, -11.8695, 27.1203

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.4550, -33.2553, 73.2690 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, 90, 52)` looks like.

```
.text, #text, p{  
    color:rgb(203, 90, 52)  
}
```

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, 90, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 90, 52) }
```

## Border

The CSS property to change the border of an element to YUV 119.4550, -33.2553, 73.2690 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, 90, 52) }
```



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

```
.border{ border-color:rgb(203, 90, 52) }
```

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

Here you see how a box with a 4 pixel rgb(203, 90, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 90, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 90, 52);  
box-shadow:4px 4px 4px 4px rgb(203, 90,  
52) }
```

# Background

The CSS property to change the background color of an element to YUV 119.4550, -33.2553, 73.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 90, 52) }
```

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

```
.background{ background-color: rgb(203, 90,  
52) }
```

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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