

# Converting Colors

YUV(123.1450, -33.1025,  
70.9098)

Have a look what the booklet for  
YUV(123.1450, -33.1025, 70.9098)  
contains.

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# Color

**YUV(123.1450, -33.1025,  
70.9098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5F38
RGB	204, 95, 56
RGB Percent	80%, 37%, 22%
CMY	0.2000, 0.6275, 0.7804
CMYK	0.00, 0.53, 0.73, 0.20
HSL	16°, 59%, 51%
HSV	16°, 73%, 80%
XYZ	29.7079, 21.3073, 6.2883
YIQ	123.1450, 77.4830, 10.9790

# Conversions

## Conversions Part 2

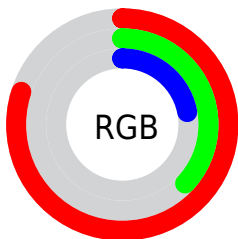
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 109, 56</a>
Decimal	<a href="#">13393720</a>
<a href="#">CIELab</a>	<a href="#">53.28, 40.69, 42.15</a>
<a href="#">CIElCh</a>	<a href="#">53, 58.581, 46.012</a>
<a href="#">Yxy</a>	<a href="#">21.3073, 0.5184, 0.3718</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291583800 (0xFFCC5F38)</a>
<a href="#">YUV</a>	<a href="#">123.1450, -33.1025, 70.9098</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.1598, 34.1005, 24.2349</a>

# Details

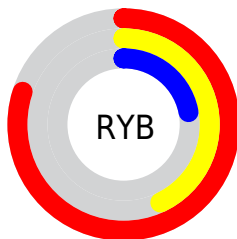
The YUV color **123.1450, -33.1025, 70.9098** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **136.8550, 33.1025, -70.9098**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0910, -34.5549, 70.0802**, and **69.4970, -30.3180, 64.4621** is the 20% darker color. If you saturate the color by 10%, you get **112.0600, -37.4976, 80.6314**, and if you desaturate by 10%, it is **134.2300, -28.7074, 61.1883**.

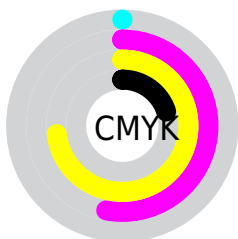
# Distribution



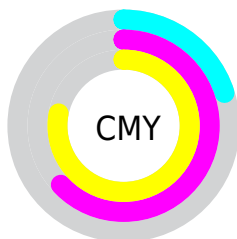
- Red (80%)
- Green (37%)
- Blue (22%)



- Red (80%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (73%)
- Black (20%)




- Cyan (20%)
- Magenta (63%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 123.1450, -33.1025, 70.9098 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 123.1450, -33.1025, 70.9098 by changing the saturation by 10% instead.




 123.1450,  
-33.1025, 70.9098


 123.1450,  
-33.1025, 70.9098


255.0000, 0.0000,  
0.0000

 95.9920, -31.0551,  
67.5360


 175.0910,  
-34.5549, 70.0802


 69.4970, -30.3180,  
64.4621


 193.7900,  
-31.4485, 53.6812

 42.8910, -21.1453,  
62.3626


 213.3040,  
-27.7579, 36.5674

 25.4150, -12.5296,  
52.2560

 233.4050,  
-24.3567, 18.9388

 17.0430, -8.4022,  
35.0423

 250.0980,  
-18.7823, 4.2991

 7.2900, -3.1010,  
14.6547

 253.2900, -6.5520,

 0.0000, 0.0000,

1.4997

0.0000

■ 123.1450,  
-33.1025, 70.9098

■ 123.1450,  
-33.1025, 70.9098

■ 112.0600,  
-37.4976, 80.6314

■ 134.2300,  
-28.7074, 61.1883

■ 100.8610,  
-42.3295, 90.4529

■ 145.4290,  
-23.8755, 51.3668

■ 92.6940, -45.6981,  
97.6154

■ 156.5140,  
-19.4804, 41.6452

■ 167.7130,  
-14.6485, 31.8237

■ 178.7980,  
-10.2534, 22.1022

■ 189.8830, -5.8583,  
12.3806

■ 201.0820, -1.0264,  
2.5591

■ 212.1670, 3.3687,  
-7.1625

■ 223.3660, 8.2006,  
-16.9840

# Harmonies

## Analogous

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



122.5960, -10.1538, 83.6693



123.1450, -33.1025, 70.9098



121.2300, -52.3714, 44.5253

# Triad

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



123.1450, -33.1025, 70.9098



98.9770, 0.9973, -86.8028



121.1620, 51.1921, -39.6071

# Complementary

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



123.1450, -33.1025, 70.9098



136.8550, 33.1025, -70.9098

# 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.



107.8300, 57.7648, -94.5669



123.1450, -33.1025, 70.9098



106.1930, 23.5689, -93.1313

# Square

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



123.1450, -33.1025, 70.9098



110.1900, -28.6877, -38.7546



109.5620, 44.0929, -96.0859



130.8950, 33.0828, 29.0331



# Rectangle

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



123.1450, -33.1025, 70.9098



117.8930, -58.1212, 22.0188



109.5620, 44.0929, -96.0859



102.3020, 61.9691, -89.7189

# Sweetspot

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



123.1450, -33.1025, 70.9098



224.5490, -12.5957, 26.7055



112.9060, 26.6683, 79.8894



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.



123.1450, -33.1025, 70.9098



134.0110, -49.7984, 106.1074



165.4090, -53.9386, 33.8443



96.1640, -2.0529, 5.1182



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.



136.8550, 33.1025, -70.9098



154.5760, 49.5090, -106.6222



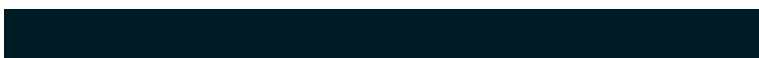
94.5910, 53.9386, -33.8443



97.2490, 2.3422, -4.6034



90.5380, 37.2028, -79.4018

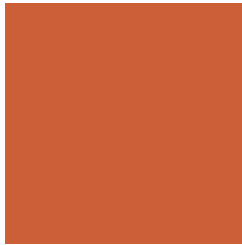


20.7680, 8.4954, -18.2135



# Previews

## White Background



This preview shows how the YUV color 123.1450, -33.1025, 70.9098 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 123.1450, -33.1025, 70.9098 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 123.1450, -33.1025, 70.9098

## Background



This preview shows how black text looks on a background with the YUV color 123.1450, -33.1025, 70.9098.



This preview shows how white text looks on a background with the YUV color 123.1450, -33.1025, 70.9098.



# 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

123.1450, -33.1025, 70.9098

### Protanopia

124.8190, -28.9978, 14.1907

### Deuteranopia

124.2680, -36.6141, 30.4600



## Tritanopia

125.3680, -14.4784, 70.7143

# Trichromacy



## Original Color

123.1450, -33.1025, 70.9098

## Protanomaly

124.1960, -30.6626, 34.9081

## Deuteranomaly

123.9970, -35.4945, 44.7296

## Tritanomaly

124.5330, -21.4618, 70.5696

# Monochromacy



## Original Color

123.1450, -33.1025, 70.9098

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.0650, -11.8640, 25.3760

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.1450, -33.1025, 70.9098 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(204, 95, 56)` looks like.

```
.text, #text, p{  
    color:rgb(204, 95, 56)  
}
```

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(204, 95, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 95, 56) }
```

## Border

The CSS property to change the border of an element to YUV 123.1450, -33.1025, 70.9098 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(204, 95, 56) }
```



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

```
.border{ border-color:rgb(204, 95, 56) }
```

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

Here you see how a box with a 4 pixel rgb(204, 95, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 95, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 95, 56);  
box-shadow:4px 4px 4px 4px rgb(204, 95,  
56) }
```

# Background

The CSS property to change the background color of an element to YUV 123.1450, -33.1025, 70.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 95, 56) }
```

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

```
.background{ background-color: rgb(204, 95,  
56) }
```

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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