

# Converting Colors

YUV(122.4040, -25.8352,  
73.3137)

Have a look what the booklet for  
YUV(122.4040, -25.8352, 73.3137)  
contains.

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# Color

**YUV(122.4040, -25.8352,  
73.3137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5A46
RGB	206, 90, 70
RGB Percent	81%, 35%, 27%
CMY	0.1922, 0.6471, 0.7255
CMYK	0.00, 0.56, 0.66, 0.19
HSL	9°, 58%, 54%
HSV	9°, 66%, 81%
XYZ	30.2153, 20.8763, 8.2314
YIQ	122.4040, 75.5560, 18.3720

# Conversions

## Conversions Part 2

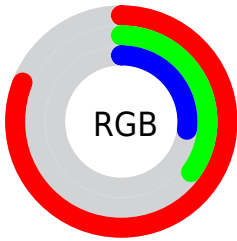
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 93, 70
Decimal	13523526
CIE <sub>Lab</sub>	52.81, 44.63, 34.08
CIE <sub>LCh</sub>	53, 56.155, 37.362
Yxy	20.8763, 0.5093, 0.3519
Android (android.graphics.Color)	4291713606 (0xFFCE5A46)
YUV	122.4040, -25.8352, 73.3137
Hunter-Lab	45.6906, 38.0836, 21.3021

# Details

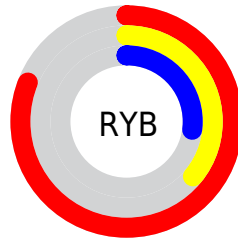
The YUV color **122.4040, -25.8352, 73.3137** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **153.5960, 25.8352, -73.3137**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7520, -26.9927, 71.2545**, and **68.2230, -21.3089, 68.2104** is the 20% darker color. If you saturate the color by 10%, you get **109.4440, -29.7989, 84.6796**, and if you desaturate by 10%, it is **135.3640, -21.8715, 61.9478**.

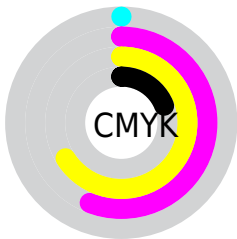
# Distribution



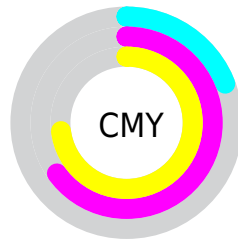
- Red (81%)
- Green (35%)
- Blue (27%)



- Red (81%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (65%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.4040, -25.8352, 73.3137 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 122.4040, -25.8352, 73.3137 by changing the saturation by 10% instead.



■ 122.4040,  
-25.8352, 73.3137

■ 122.4040,  
-25.8352, 73.3137

■ 255.0000, 0.0000,  
0.0000

■ 95.5500, -23.9351,  
70.5547

■ 173.7520,  
-26.9927, 71.2545

■ 68.2230, -21.3089,  
68.2104

■ 193.1520,  
-23.7389, 54.2407

■ 35.3850, -16.9518,  
70.6994

■ 212.5520,  
-20.4851, 37.2269

■ 26.0130, -12.8244,  
53.4856

■ 232.7670,  
-16.6471, 19.4983

■ 17.7550, -8.2602,  
36.1719

■ 251.8080,  
-12.2303, 2.7994

■ 8.1870, -3.5432,  
16.4990

■ 0.0000, 0.0000,

0.0000

■ 122.4040,  
-25.8352, 73.3137

■ 122.4040,  
-25.8352, 73.3137

■ 109.4440,  
-29.7989, 84.6796

■ 135.3640,  
-21.8715, 61.9478

■ 97.1850, -33.6152,  
95.4308

■ 147.6230,  
-18.0551, 51.1966

■ 84.2250, -37.5789,  
106.7967

■ 160.5830,  
-14.0914, 39.8307

■ 79.2040, -39.0476,  
111.2001

■ 172.8420,  
-10.2751, 29.0796

■ 185.8020, -6.3114,  
17.7136

■ 198.1750, -2.0583,  
6.8625

■ 211.0210, 1.4686,  
-4.4034

■ 223.9810, 5.4324,  
-15.7693

■ 236.2400, 9.2487,  
-26.5205

# Harmonies

## Analogous

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



123.2840, -3.5910, 78.6809



122.4040, -25.8352, 73.3137



121.6250, -44.6781, 50.3179

# Triad

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



122.4040, -25.8352, 73.3137



95.6200, -4.2497, -83.8587



108.2180, 56.0945, -72.1052

# Complementary

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



122.4040, -25.8352, 73.3137



153.5960, 25.8352, -73.3137

# 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.



107.2770, 53.1074, -94.0819



122.4040, -25.8352, 73.3137



103.0810, 16.7221, -90.4020

# Square

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



122.4040, -25.8352, 73.3137



113.2800, -35.1410, -22.1706



107.2650, 37.8304, -94.0714



129.2950, 36.3366, 12.0193



# Rectangle

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



122.4040, -25.8352, 73.3137



119.1420, -52.3280, 30.5705



107.2650, 37.8304, -94.0714



103.4930, 58.9170, -90.7634

# Sweetspot

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



122.4040, -25.8352, 73.3137



223.3580, -9.5435, 27.7500



124.1160, 31.4948, 71.8123



108.6170, -5.7272, 16.9989



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.



122.4040, -25.8352, 73.3137



131.1220, -38.0211, 108.6410



161.1460, -44.9350, 39.3370



95.5770, -1.7635, 5.6330



63.7220, -31.4149, 89.6978



14.8840, -7.3378, 20.2727

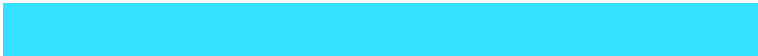


# Inverse Universe

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



153.5960, 25.8352, -73.3137



177.2910, 38.3105, -108.1262



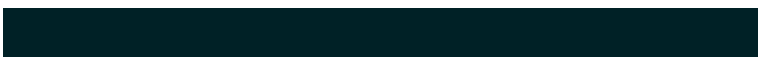
114.8540, 44.9350, -39.3370



98.4230, 1.7635, -5.6330



101.6910, 31.7043, -89.1830

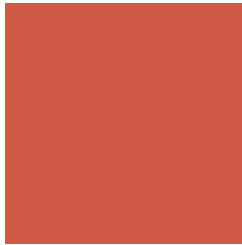


23.7030, 7.0484, -20.7875



# Previews

## White Background



This preview shows how the YUV color 122.4040, -25.8352, 73.3137 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 122.4040, -25.8352, 73.3137 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 122.4040, -25.8352, 73.3137

## Background



This preview shows how black text looks on a background with the YUV color 122.4040, -25.8352, 73.3137.



This preview shows how white text looks on a background with the YUV color 122.4040, -25.8352, 73.3137.



# 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

122.4040, -25.8352, 73.3137

### Protanopia

124.9740, -20.6932, 10.5468

### Deuteranopia

124.9670, -30.0567, 27.2159



## Tritanopia

123.5640, -15.0681, 73.1734

# Trichromacy



## Original Color

122.4040, -25.8352, 73.3137

## Protanomaly

124.2480, -22.8003, 33.1085

## Deuteranomaly

124.1200, -28.6532, 43.7448

## Tritanomaly

123.2390, -18.8518, 73.4584

# Monochromacy



## Original Color

122.4040, -25.8352, 73.3137

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.0590, -9.3961, 27.1353

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.4040, -25.8352, 73.3137 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(206, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(206, 90, 70)  
}
```

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(206, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 90, 70) }
```

## Border

The CSS property to change the border of an element to YUV 122.4040, -25.8352, 73.3137 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(206, 90, 70) }
```



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

```
.border{ border-color:rgb(206, 90, 70) }
```

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

Here you see how a box with a 4 pixel rgb(206, 90, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(206, 90,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 122.4040, -25.8352, 73.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 90, 70) }
```

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

```
.background{ background-color: rgb(206, 90,  
70) }
```

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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