

# Converting Colors

YUV(138.8040, -22.5814,  
56.2999)

Have a look what the booklet for  
YUV(138.8040, -22.5814, 56.2999)  
contains.

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# Color

**YUV(138.8040, -22.5814,  
56.2999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB735D
RGB	203, 115, 93
RGB Percent	80%, 45%, 36%
CMY	0.2039, 0.5490, 0.6353
CMYK	0.00, 0.43, 0.54, 0.20
HSL	12°, 51%, 58%
HSV	12°, 54%, 80%
XYZ	32.7351, 25.7483, 13.6005
YIQ	138.8040, 59.5100, 11.8140

# Conversions

## Conversions Part 2

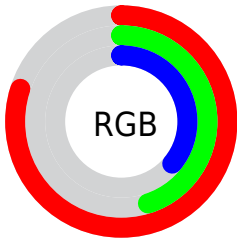
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 121, 93
Decimal	13333341
CIE <sub>Lab</sub>	57.80, 32.39, 27.26
CIE <sub>LCh</sub>	58, 42.333, 40.088
Yxy	25.7483, 0.4541, 0.3572
Android (android.graphics.Color)	4291523421 (0xFFCB735D)
YUV	138.8040, -22.5814, 56.2999
Hunter-Lab	50.7428, 26.3539, 19.6285

# Details

The YUV color **138.8040, -22.5814, 56.2999** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **157.1960, 22.5814, -56.2999**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2770, -23.3076, 55.8851**, and **86.8680, -19.6549, 50.9818** is the 20% darker color. If you saturate the color by 10%, you get **127.1320, -26.6871, 66.5362**, and if you desaturate by 10%, it is **150.4760, -18.4757, 46.0635**.

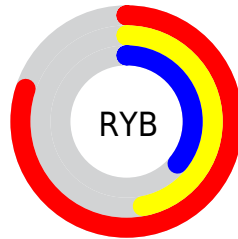
# Distribution



Red (80%)

Green (45%)

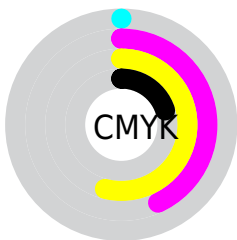
Blue (36%)



Red (80%)

Yellow (47%)

Blue (36%)

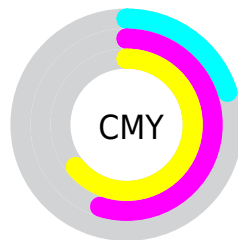


Cyan (0%)

Magenta (43%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.8040, -22.5814, 56.2999 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 138.8040, -22.5814, 56.2999 by changing the saturation by 10% instead.





 138.8040,  
-22.5814, 56.2999


 138.8040,  
-22.5814, 56.2999


255.0000, 0.0000,  
0.0000


 112.7220,  
-21.5549, 53.7408


 191.2770,  
-23.3076, 55.8851

 86.8680, -19.6549,  
50.9818


 210.6770,  
-20.0538, 38.8713

 61.6010, -18.0443,  
47.7079

 230.3050,  
-15.9264, 21.6575

 35.4160, -17.4601,  
46.9932

 250.5200,  
-12.0884, 3.9290

 18.2390, -8.9918,  
37.5014

254.8860, -0.4368,  
0.1000

 11.1770, -5.0173,  
22.6468

 0.0000, 0.0000,

0.0000

■ 138.8040,  
-22.5814, 56.2999

■ 138.8040,  
-22.5814, 56.2999

■ 127.1320,  
-26.6871, 66.5362

■ 150.4760,  
-18.4757, 46.0635

■ 115.3460,  
-31.2296, 76.8726

■ 162.2620,  
-13.9332, 35.7272

■ 103.0870,  
-35.0459, 87.6237

■ 174.5210,  
-10.1169, 24.9761

■ 91.4150, -39.1516,  
97.8600

■ 186.1930, -6.0111,  
14.7397

■ 84.7640, -41.7887,  
103.6930

■ 197.9790, -1.4686,  
4.4034

■ 209.6510, 2.6371,  
-5.8329

■ 221.9100, 6.4534,  
-16.5841

■ 233.5820, 10.5591,  
-26.8204

■ 239.4520, 7.6652,  
-31.9684

# Harmonies

## Analogous

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



140.4790, -6.1521, 60.0929



138.8040, -22.5814, 56.2999



137.1210, -33.5837, 38.4819

# Triad

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



138.8040, -22.5814, 56.2999



120.7850, -4.3310, -57.6934



135.0740, 37.9245, -30.7599

# Complementary

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



138.8040, -22.5814, 56.2999



157.1960, 22.5814, -56.2999

# 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.



111.7620, 47.4453, -98.0153



138.8040, -22.5814, 56.2999



109.9600, 20.2327, -96.4349

# Square

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



138.8040, -22.5814, 56.2999



129.7610, -24.5322, -18.2074



112.6620, 35.6626, -98.8046



142.3740, 26.4376, 13.7040



# Rectangle

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



138.8040, -22.5814, 56.2999



135.7400, -35.8608, 22.1530



112.6620, 35.6626, -98.8046



130.0500, 40.8944, -50.0328

# Sweetspot

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



138.8040, -22.5814, 56.2999



230.9550, -8.3588, 21.0875



135.9220, 22.2235, 58.8274



113.4100, -5.1321, 12.7954



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.



138.8040, -22.5814, 56.2999



158.0050, -34.0195, 85.0646



171.0890, -38.4979, 27.9859



96.1640, -2.0529, 5.1182



69.0050, -34.0195, 85.0646



16.0580, -7.9166, 19.2431



# Inverse Universe

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



157.1960, 22.5814, -56.2999



185.9950, 34.0195, -85.0646



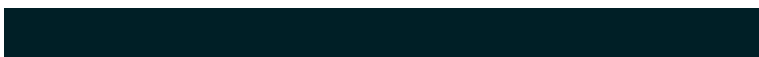
124.9110, 38.4979, -27.9859



97.8360, 2.0529, -5.1182



96.9950, 34.0195, -85.0646



22.5290, 7.6272, -19.7579



# Previews

## White Background



This preview shows how the YUV color 138.8040, -22.5814, 56.2999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

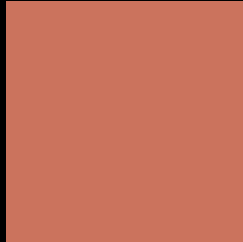
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.8040, -22.5814, 56.2999 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 138.8040, -22.5814, 56.2999

## Background



This preview shows how black text looks on a background with the YUV color 138.8040, -22.5814, 56.2999.



This preview shows how white text looks on a background with the YUV color 138.8040, -22.5814,



# 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

138.8040, -22.5814, 56.2999

### Protanopia

137.8860, -17.1988, 9.7470

### Deuteranopia

138.5630, -23.9416, 25.8162



## Tritanopia

140.0180, -10.3619, 56.9892

# Trichromacy



## Original Color

138.8040, -22.5814, 56.2999

## Protanomaly

138.1270, -19.2896, 27.0756

## Deuteranomaly

138.4550, -23.3953, 37.3120

## Tritanomaly

139.2800, -14.4350, 56.7594

# Monochromacy



## Original Color

138.8040, -22.5814, 56.2999

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.6560, -8.2114, 20.4727

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.8040, -22.5814, 56.2999 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, 115, 93)` looks like.

```
.text, #text, p{  
    color:rgb(203, 115, 93)  
}
```

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, 115, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 115, 93) }
```

## Border

The CSS property to change the border of an element to YUV 138.8040, -22.5814, 56.2999 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, 115, 93) }
```



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

```
.border{ border-color:rgb(203, 115, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 115, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 115, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 115, 93);  
box-shadow:4px 4px 4px 4px rgb(203, 115,  
93) }
```

# Background

The CSS property to change the background color of an element to YUV 138.8040, -22.5814, 56.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 115, 93) }
```

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

```
.background{ background-color: rgb(203,  
115, 93) }
```

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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