

# Converting Colors

YUV(137.7170, -24.0175,  
50.2372)

Have a look what the booklet for  
YUV(137.7170, -24.0175, 50.2372)  
contains.

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# Color

**YUV(137.7170, -24.0175,  
50.2372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37659
RGB	195, 118, 89
RGB Percent	76%, 46%, 35%
CMY	0.2353, 0.5373, 0.6510
CMYK	0.00, 0.39, 0.54, 0.24
HSL	16°, 47%, 56%
HSV	16°, 54%, 76%
XYZ	30.7873, 25.2802, 12.7081
YIQ	137.7170, 55.2010, 7.3050

# Conversions

## Conversions Part 2

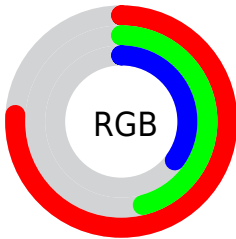
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 129, 89
Decimal	12809817
CIE Lab	57.35, 27.23, 28.72
CIE LCh	57, 39.579, 46.525
Yxy	25.2802, 0.4476, 0.3676
Android (android.graphics.Color)	4290999897 (0xFFC37659)
YUV	137.7170, -24.0175, 50.2372
Hunter-Lab	50.2795, 21.3107, 20.2101

# Details

The YUV color **137.7170, -24.0175, 50.2372** 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 **146.2830, 24.0175, -50.2372**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4680, -26.3597, 54.8406**, and **86.0800, -21.2384, 45.5338** is the 20% darker color. If you saturate the color by 10%, you get **127.2190, -28.7020, 59.4439**, and if you desaturate by 10%, it is **148.2150, -19.3330, 41.0304**.

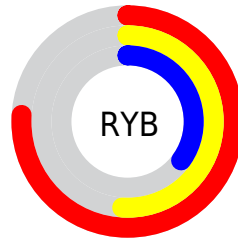
# Distribution



Red (76%)

Green (46%)

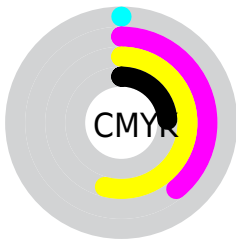
Blue (35%)



Red (76%)

Yellow (51%)

Blue (35%)

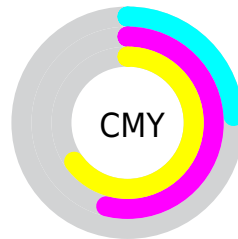


Cyan (0%)

Magenta (39%)

Yellow (54%)

Black (24%)



Cyan (24%)

Magenta (54%)


Yellow (65%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 137.7170, -24.0175, 50.2372 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 137.7170, -24.0175, 50.2372 by changing the saturation by 10% instead.





 137.7170,  
-24.0175, 50.2372


 137.7170,  
-24.0175, 50.2372


 255.0000, 0.0000,  
0.0000


 111.6350,  
-22.9911, 47.6781


 192.4680,  
-26.3597, 54.8406


 86.0800, -21.2384,  
45.5338


 211.3950,  
-22.3797, 38.2416

 61.6990, -20.0646,  
42.3600


 231.4960,  
-18.9785, 20.6130

 37.7310, -18.6014,  
39.7009

 251.1240,  
-14.8511, 3.3993

 16.7440, -8.2548,  
34.4275

 254.4300, -2.1840,  
0.4999

 8.7850, -3.8380,  
17.7286

 0.0000, 0.0000,

0.0000

■ 137.7170,  
-24.0175, 50.2372

■ 137.7170,  
-24.0175, 50.2372

■ 127.2190,  
-28.7020, 59.4439

■ 148.2150,  
-19.3330, 41.0304

■ 116.8350,  
-32.9497, 68.5507

■ 158.5990,  
-15.0853, 31.9237

■ 106.3370,  
-37.6341, 77.7575

■ 168.9830,  
-10.8376, 22.8169

■ 95.3660, -41.5924,  
87.3790

■ 180.0680, -6.4425,  
13.0954

■ 89.4160, -44.0821,  
92.5972

■ 190.5660, -1.7580,  
3.8886

■ 200.9500, 2.4897,  
-5.2181

■ 211.3340, 6.7373,  
-14.3249

■ 221.8320, 11.4218,  
-23.5317

■ 231.1900, 11.7383,  
-31.7386

# Harmonies

## Analogous

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



139.2460, -9.4883, 56.7893



137.7170, -24.0175, 50.2372



135.7180, -32.3990, 31.8193

# Triad

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



137.7170, -24.0175, 50.2372



119.0170, 0.4846, -62.2819



137.1850, 32.9398, -18.5792

# Complementary

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



137.7170, -24.0175, 50.2372



146.2830, 24.0175, -50.2372

# 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.



120.3200, 41.2542, -72.1946



137.7170, -24.0175, 50.2372



109.3560, 22.9955, -95.9052

# Square

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



137.7170, -24.0175, 50.2372



128.3950, -19.4217, -24.0254



111.1290, 37.4044, -97.4601



141.5660, 21.9060, 20.5516



# Rectangle

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



137.7170, -24.0175, 50.2372



134.0920, -33.0764, 15.7053



111.1290, 37.4044, -97.4601



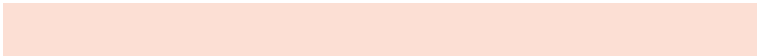
133.4820, 35.7514, -33.7487

# Sweetspot

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



137.7170, -24.0175, 50.2372



230.4170, -9.0796, 18.9283



129.5860, 18.4451, 57.3681



114.5840, -5.7109, 11.7658



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.



137.7170, -24.0175, 50.2372



163.4510, -37.1973, 77.6575



168.2410, -39.0658, 23.4676



91.7510, -2.3422, 4.6034



73.9670, -36.4657, 76.3279



15.1500, -7.4689, 15.6545



# Inverse Universe

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



146.2830, 24.0175, -50.2372



177.1360, 36.9080, -78.1723



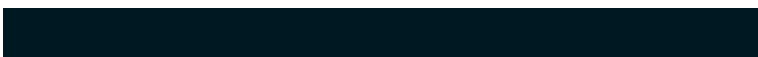
115.7590, 39.0658, -23.4676



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544



# Previews

## White Background



This preview shows how the YUV color 137.7170, -24.0175, 50.2372 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

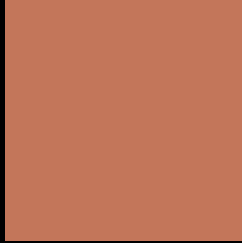
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 137.7170, -24.0175, 50.2372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

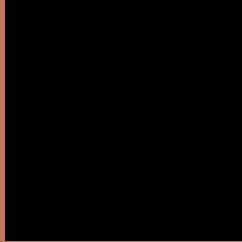
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 137.7170, -24.0175, 50.2372

## Background



This preview shows how black text looks on a background with the YUV color 137.7170, -24.0175, 50.2372.



This preview shows how white text looks on a background with the YUV color 137.7170, -24.0175,



# 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

137.7170, -24.0175, 50.2372

### Protanopia

136.6150, -19.5302, 10.8616

### Deuteranopia

137.2210, -25.2520, 26.1162



## Tritanopia

139.7290, -8.7404, 50.2267

# Trichromacy



## Original Color

137.7170, -24.0175, 50.2372

## Protanomaly

137.2470, -21.3208, 25.2164

## Deuteranomaly

137.3900, -24.8423, 34.7380

## Tritanomaly

138.6490, -14.1240, 50.2968

# Monochromacy



## Original Color

137.7170, -24.0175, 50.2372

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.1180, -8.9322, 18.3135

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.7170, -24.0175, 50.2372 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(195, 118, 89)` looks like.

```
.text, #text, p{  
    color:rgb(195, 118, 89)  
}
```

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(195, 118, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 118, 89) }
```

## Border

The CSS property to change the border of an element to YUV 137.7170, -24.0175, 50.2372 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(195, 118, 89) }
```



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

```
.border{ border-color:rgb(195, 118, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 118, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 118, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 118, 89);  
box-shadow:4px 4px 4px 4px rgb(195, 118,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 137.7170, -24.0175, 50.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 118, 89) }
```

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

```
.background{ background-color: rgb(195,  
118, 89) }
```

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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