

# Converting Colors

YUV(153.3110, -31.7053,  
42.7003)

Have a look what the booklet for  
YUV(153.3110, -31.7053, 42.7003)  
contains.

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# Color

**YUV(153.3110, -31.7053,  
42.7003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8D59
RGB	202, 141, 89
RGB Percent	79%, 55%, 35%
CMY	0.2078, 0.4471, 0.6510
CMYK	0.00, 0.30, 0.56, 0.21
HSL	28°, 52%, 57%
HSV	28°, 56%, 79%
XYZ	35.6852, 32.3276, 13.8102
YIQ	153.3110, 53.0480, -3.2400

# Conversions

## Conversions Part 2

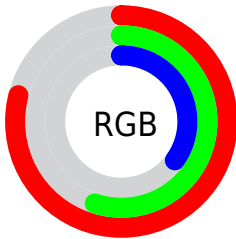
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 185, 89</a>
Decimal	<a href="#">13274457</a>
CIELab	<a href="#">63.61, 17.55, 36.78</a>
CIELCh	<a href="#">64, 40.748, 64.492</a>
Yxy	<a href="#">32.3276, 0.4361, 0.3951</a>
Android (android.graphics.Color)	<a href="#">4291464537</a> ( <a href="#">0xFFCA8D59</a> )
YUV	<a href="#">153.3110, -31.7053, 42.7003</a>
Hunter-Lab	<a href="#">56.8573, 12.5309, 25.3990</a>

# Details

The YUV color **153.3110, -31.7053, 42.7003** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **137.6890, 31.7053, -42.7003**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6700, -32.8683, 42.3854**, and **101.4460, -29.7999, 38.1969** is the 20% darker color. If you saturate the color by 10%, you get **144.5740, -37.2580, 50.3626**, and if you desaturate by 10%, it is **162.0480, -26.1527, 35.0379**.

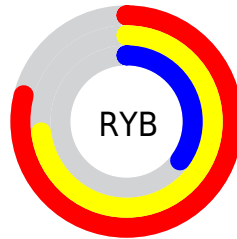
# Distribution



Red (79%)

Green (55%)

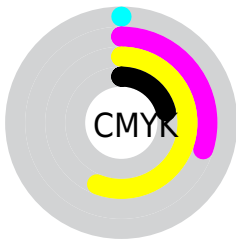
Blue (35%)



Red (79%)

Yellow (73%)

Blue (35%)

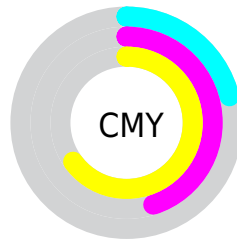


Cyan (0%)

Magenta (30%)

Yellow (56%)

Black (21%)



Cyan (21%)

Magenta (45%)


Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 153.3110, -31.7053, 42.7003 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 153.3110, -31.7053, 42.7003 by changing the saturation by 10% instead.




 153.3110,  
-31.7053, 42.7003


 153.3110,  
-31.7053, 42.7003


255.0000, 0.0000,  
0.0000

 126.6420,  
-30.3895, 40.6560


 206.6700,  
-32.8683, 42.3854


 101.4460,  
-29.7999, 38.1969


 226.1840,  
-29.1777, 25.2716

 76.3640, -28.7735,  
35.6378


 245.6980,  
-25.4871, 8.1579

 52.7380, -25.9998,  
32.6788

 251.2380,  
-14.4143, 3.2993

 32.3380, -15.9426,  
26.8906

 254.5440, -1.7472,  
0.3999

 11.6610, -5.7489,  
23.9763

 0.0000, 0.0000,

0.0000

■ 153.3110,  
-31.7053, 42.7003

■ 153.3110,  
-31.7053, 42.7003

■ 144.5740,  
-37.2580, 50.3626

■ 162.0480,  
-26.1527, 35.0379

■ 135.8370,  
-42.8106, 58.0250

■ 170.7850,  
-20.6000, 27.3756

■ 126.9860,  
-48.8001, 65.7873

■ 179.6360,  
-14.6105, 19.6132

■ 118.2490,  
-54.3528, 73.4496

■ 188.3730, -9.0579,  
11.9509

■ 114.9890,  
-56.6896, 76.3086

■ 197.1100, -3.5052,  
4.2885

■ 205.2600, 2.3368,  
-2.8590

■ 213.9970, 7.8895,  
-10.5214

■ 222.8480, 13.8789,  
-18.2837

■ 229.7610, 12.4428,  
-24.3464

# Harmonies

## Analogous

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



154.9120, -19.6766, 57.9592



153.3110, -31.7053, 42.7003



150.9460, -34.9764, 18.4644

# Triad

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



153.3110, -31.7053, 42.7003



119.6770, 19.3862, -104.9567



157.6720, 27.7697, 6.4267

# Complementary

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



153.3110, -31.7053, 42.7003



137.6890, 31.7053, -42.7003

# 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.



149.0300, 37.9462, -37.7373



153.3110, -31.7053, 42.7003



123.0800, 34.9636, -107.9412

# Square

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



153.3110, -31.7053, 42.7003



139.7110, -8.7315, -46.2275



122.4080, 47.6199, -107.3518



158.5100, 13.5526, 39.8947



# Rectangle

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



153.3110, -31.7053, 42.7003



148.2640, -30.6962, -1.1085



122.4080, 47.6199, -107.3518



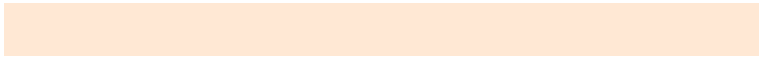
155.3220, 31.8863, -7.2984

# Sweetspot

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



153.3110, -31.7053, 42.7003



236.5970, -12.1263, 16.1394



129.8550, 10.4245, 63.2712



116.8180, -7.3053, 9.8066



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.



153.3110, -31.7053, 42.7003



181.5020, -48.0685, 64.4577



185.5960, -47.6218, 14.3863



97.3380, -2.6316, 4.0886



94.2460, -46.4633, 62.9283



21.9280, -10.8105, 14.0951



# Inverse Universe

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



137.6890, 31.7053, -42.7003



157.4980, 48.0685, -64.4577



105.4040, 47.6218, -14.3863



96.0750, 2.9210, -3.5738



71.1670, 46.7527, -62.4135



16.6590, 10.5211, -14.6099



# Previews

## White Background



This preview shows how the YUV color 153.3110, -31.7053, 42.7003 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

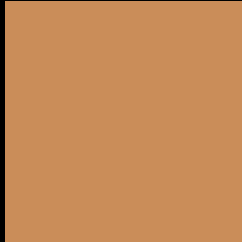
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.3110, -31.7053, 42.7003 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

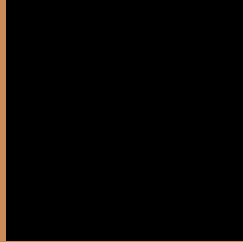
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 153.3110, -31.7053, 42.7003

## Background



This preview shows how black text looks on a background with the YUV color 153.3110, -31.7053, 42.7003.



This preview shows how white text looks on a background with the YUV color 153.3110, -31.7053,



# 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

153.3110, -31.7053, 42.7003

### Protanopia

151.6450, -28.4190, 15.2203

### Deuteranopia

152.5330, -31.8148, 31.1046



## Tritanopia

156.6680, -6.2453, 43.2642

# Trichromacy



## Original Color

153.3110, -31.7053, 42.7003

## Protanomaly

152.0700, -29.6145, 25.3716

## Deuteranomaly

152.8540, -31.9730, 35.2080

## Tritanomaly

155.8500, -15.7020, 43.1046

# Monochromacy



## Original Color

153.3110, -31.7053, 42.7003

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

153.4120, -11.5421, 15.4247

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.3110, -31.7053, 42.7003 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(202, 141, 89)` looks like.

```
.text, #text, p{  
    color:rgb(202, 141, 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(202, 141, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 141, 89) }
```

## Border

The CSS property to change the border of an element to YUV 153.3110, -31.7053, 42.7003 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(202, 141, 89) }
```



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

```
.border{ border-color:rgb(202, 141, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 141, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 141, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 141, 89);  
box-shadow:4px 4px 4px 4px rgb(202, 141,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 153.3110, -31.7053, 42.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 141, 89) }
```

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

```
.background{ background-color: rgb(202,  
141, 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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