

# Converting Colors

YUV(152.9010, -23.1222,  
43.0598)

Have a look what the booklet for  
YUV(152.9010, -23.1222, 43.0598)  
contains.

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# Color

**YUV(152.9010, -23.1222,  
43.0598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA896A
RGB	202, 137, 106
RGB Percent	79%, 54%, 42%
CMY	0.2078, 0.4627, 0.5843
CMYK	0.00, 0.32, 0.48, 0.21
HSL	19°, 48%, 60%
HSV	19°, 48%, 79%
XYZ	35.9043, 31.4885, 17.8212
YIQ	152.9010, 48.6910, 4.1390

# Conversions

## Conversions Part 2

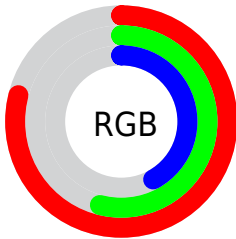
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 152, 106
Decimal	13273450
CIE <sub>Lab</sub>	62.92, 21.28, 26.66
CIE <sub>LCh</sub>	63, 34.114, 51.408
Yxy	31.4885, 0.4213, 0.3695
Android (android.graphics.Color)	4291463530 (0xFFCA896A)
YUV	152.9010, -23.1222, 43.0598
Hunter-Lab	56.1146, 16.0107, 20.4506

# Details

The YUV color **152.9010, -23.1222, 43.0598** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **155.0990, 23.1222, -43.0598**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3740, -23.8484, 42.6450**, and **101.0360, -21.2167, 38.5564** is the 20% darker color. If you saturate the color by 10%, you get **142.4030, -27.8067, 52.2666**, and if you desaturate by 10%, it is **163.3990, -18.4377, 33.8531**.

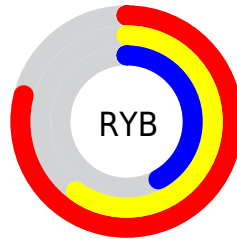
# Distribution



Red (79%)

Green (54%)

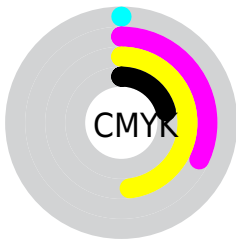
Blue (42%)



Red (79%)

Yellow (60%)

Blue (42%)

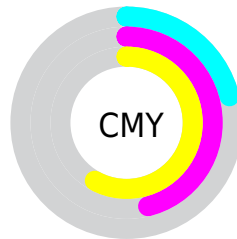


Cyan (0%)

Magenta (32%)

Yellow (48%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.9010, -23.1222, 43.0598 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 152.9010, -23.1222, 43.0598 by changing the saturation by 10% instead.



■ 152.9010,  
-23.1222, 43.0598

■ 152.9010,  
-23.1222, 43.0598

■ 255.0000, 0.0000,  
0.0000

■ 126.2320,  
-21.8064, 41.0155

■ 206.3740,  
-23.8484, 42.6450

■ 101.0360,  
-21.2167, 38.5564

■ 225.8880,  
-20.1578, 25.5312

■ 76.3670, -19.9009,  
36.5121

■ 245.4020,  
-16.4672, 8.4174

■ 52.3990, -18.4377,  
33.8531

■ 253.4040, -6.1152,  
1.3997

■ 30.0010, -14.7905,  
30.6941

■ 12.2590, -6.0437,  
25.2059

■ 0.0000, 0.0000,

0.0000

■ 152.9010,  
-23.1222, 43.0598

■ 152.9010,  
-23.1222, 43.0598

■ 142.4030,  
-27.8067, 52.2666

■ 163.3990,  
-18.4377, 33.8531

■ 132.4920,  
-32.7806, 60.9585

■ 173.3100,  
-13.4638, 25.1611

■ 121.8800,  
-37.9018, 70.2652

■ 183.9220, -8.3425,  
15.8544

■ 111.3820,  
-42.5863, 79.4720

■ 194.4200, -3.6581,  
6.6477

■ 101.4710,  
-47.5602, 88.1639

■ 204.3310, 1.3158,  
-2.0443

■ 98.5530, -48.5866,  
90.7230

■ 214.8290, 6.0003,  
-11.2510

■ 225.3270, 10.6848,  
-20.4578

■ 233.8700, 10.4171,  
-27.9500

■ 239.1530, 7.8126,  
-32.5832

# Harmonies

## Analogous

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



154.7460, -11.2138, 50.2118



152.9010, -23.1222, 43.0598



150.5970, -28.8883, 25.7864

# Triad

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



152.9010, -23.1222, 43.0598



137.5280, 2.2047, -53.9601



153.4590, 27.3817, -9.1725

# Complementary

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



152.9010, -23.1222, 43.0598



155.0990, 23.1222, -43.0598

# 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.



144.7210, 33.1685, -45.3593



152.9010, -23.1222, 43.0598



128.8030, 21.7891, -82.2652

# Square

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



152.9010, -23.1222, 43.0598



143.5350, -15.0538, -25.0252



131.8000, 33.1296, -79.6316



156.4970, 16.5170, 22.3661



# Rectangle

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



152.9010, -23.1222, 43.0598



149.0250, -28.1133, 10.5021



131.8000, 33.1296, -79.6316



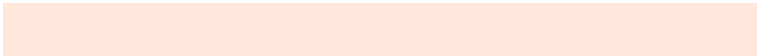
150.9630, 29.5982, -20.1386

# Sweetspot

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



152.9010, -23.1222, 43.0598



236.8080, -8.7793, 15.9544



142.2280, 14.6776, 52.4200



116.6870, -5.2687, 9.9215



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.



152.9010, -23.1222, 43.0598



180.9440, -34.9754, 64.9471



180.4900, -36.7236, 18.8643



96.7510, -2.3422, 4.6034



81.3320, -40.0967, 74.2538



18.4060, -9.0742, 17.1839

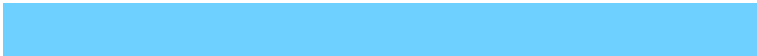


# Inverse Universe

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



155.0990, 23.1222, -43.0598



184.0560, 34.9754, -64.9471



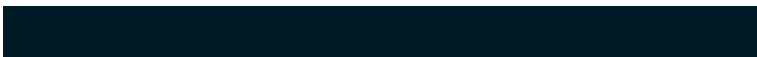
127.5100, 36.7236, -18.8643



97.2490, 2.3422, -4.6034



84.6680, 40.0967, -74.2538



19.5940, 9.0742, -17.1839



# Previews

## White Background



This preview shows how the YUV color 152.9010, -23.1222, 43.0598 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 152.9010, -23.1222, 43.0598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

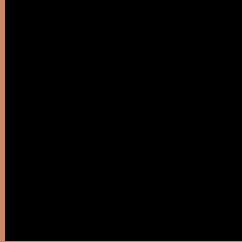
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.9010, -23.1222, 43.0598

## Background



This preview shows how black text looks on a background with the YUV color 152.9010, -23.1222, 43.0598.



This preview shows how white text looks on a background with the YUV color 152.9010, -23.1222, 43.0598.



# 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

152.9010, -23.1222, 43.0598

### Protanopia

151.1420, -18.8040, 11.2765

### Deuteranopia

151.9760, -23.6522, 26.3310



## Tritanopia

154.9670, -6.3927, 43.8789

# Trichromacy



## Original Color

152.9010, -23.1222, 43.0598

## Protanomaly

152.0510, -20.7311, 22.7573

## Deuteranomaly

152.4220, -23.3790, 32.0789

## Tritanomaly

154.3600, -12.5025, 43.5343

# Monochromacy



## Original Color

152.9010, -23.1222, 43.0598

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

152.9220, -8.3425, 15.8544

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.9010, -23.1222, 43.0598 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, 137, 106)` looks like.

```
.text, #text, p{  
    color:rgb(202, 137, 106)  
}
```

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, 137, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 137, 106) }
```

## Border

The CSS property to change the border of an element to YUV 152.9010, -23.1222, 43.0598 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, 137, 106) }
```



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

```
.border{ border-color:rgb(202, 137, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 137, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 137, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 137, 106);  
box-shadow:4px 4px 4px 4px rgb(202, 137,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 152.9010, -23.1222, 43.0598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 137, 106) }
```

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

```
.background{ background-color: rgb(202,  
137, 106) }
```

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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