

# Converting Colors

YUV(152.9720, -24.1432,  
43.8746)

Have a look what the booklet for  
YUV(152.9720, -24.1432, 43.8746)  
contains.

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# Color

**YUV(152.9720, -24.1432,  
43.8746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB8968
RGB	203, 137, 104
RGB Percent	80%, 54%, 41%
CMY	0.2039, 0.4627, 0.5922
CMYK	0.00, 0.33, 0.49, 0.20
HSL	20°, 49%, 60%
HSV	20°, 49%, 80%
XYZ	36.0730, 31.5873, 17.2924
YIQ	152.9720, 49.9290, 3.7290

# Conversions

## Conversions Part 2

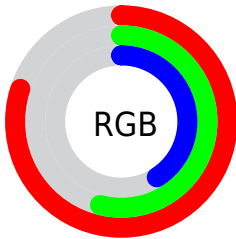
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 154, 104
Decimal	13338984
CIE <sub>Lab</sub>	63.00, 21.49, 27.90
CIE <sub>LCh</sub>	63, 35.216, 52.395
Yxy	31.5873, 0.4246, 0.3718
Android (android.graphics.Color)	4291529064 (0xFFCB8968)
YUV	152.9720, -24.1432, 43.8746
Hunter-Lab	56.2026, 16.2135, 21.0995

# Details

The YUV color **152.9720, -24.1432, 43.8746** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **154.0280, 24.1432, -43.8746**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1460, -24.7220, 42.8450**, and **101.1070, -22.2378, 39.3712** is the 20% darker color. If you saturate the color by 10%, you get **142.4740, -28.8277, 53.0813**, and if you desaturate by 10%, it is **163.4700, -19.4587, 34.6678**.

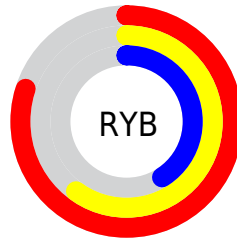
# Distribution



Red (80%)

Green (54%)

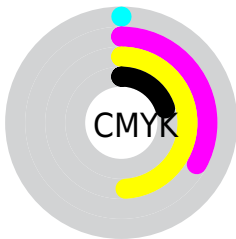
Blue (41%)



Red (80%)

Yellow (60%)

Blue (41%)

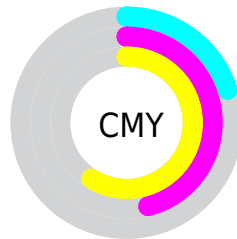


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (20%)



Cyan (20%)

Magenta (46%)


Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 152.9720, -24.1432, 43.8746 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 152.9720, -24.1432, 43.8746 by changing the saturation by 10% instead.





 152.9720,  
-24.1432, 43.8746


 152.9720,  
-24.1432, 43.8746


255.0000, 0.0000,  
0.0000

 126.3030,  
-22.8274, 41.8303


 206.1460,  
-24.7220, 42.8450


 101.1070,  
-22.2378, 39.3712


 225.5460,  
-21.4682, 25.8312


 76.1390, -20.7745,  
36.7121

 245.1740,  
-17.3408, 8.6174

 52.0570, -19.7481,  
34.1530

 253.1760, -6.9888,  
1.5996

 30.0010, -14.7905,  
30.6941

 12.2590, -6.0437,  
25.2059

 0.0000, 0.0000,

0.0000

■ 152.9720,  
-24.1432, 43.8746

■ 152.9720,  
-24.1432, 43.8746

■ 142.4740,  
-28.8277, 53.0813

■ 163.4700,  
-19.4587, 34.6678

■ 132.4490,  
-34.2384, 61.8732

■ 173.4950,  
-14.0480, 25.8759

■ 121.9510,  
-38.9228, 71.0800

■ 183.9930, -9.3635,  
16.6691

■ 112.0400,  
-43.8967, 79.7719

■ 193.9040, -4.3897,  
7.9772

■ 101.5420,  
-48.5812, 88.9787

■ 204.5160, 0.7316,  
-1.3295

■ 100.6130,  
-49.6022, 89.7934

■ 214.4270, 5.7055,  
-10.0215

■ 224.9250, 10.3900,  
-19.2282

■ 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.



154.2300, -11.9454, 51.5413



152.9720, -24.1432, 43.8746



150.9560, -30.0513, 25.4716

# Triad

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



152.9720, -24.1432, 43.8746



136.7340, 3.0891, -57.6487



153.2850, 27.9605, -8.1429

# Complementary

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



152.9720, -24.1432, 43.8746



154.0280, 24.1432, -43.8746

# 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.



144.6500, 34.1896, -46.1740



152.9720, -24.1432, 43.8746



125.1330, 24.5844, -92.2016

# Square

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



152.9720, -24.1432, 43.8746



143.5240, -15.0483, -26.7695



129.3370, 35.3299, -85.3645



156.6220, 16.9484, 24.0105



# Rectangle

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



152.9720, -24.1432, 43.8746



149.0850, -29.1289, 9.5725



129.3370, 35.3299, -85.3645



151.1910, 30.4718, -20.3385

# Sweetspot

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



152.9720, -24.1432, 43.8746



235.9930, -9.3635, 16.6691



141.1250, 14.2354, 54.2644



115.9860, -5.4161, 10.5363



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.



152.9720, -24.1432, 43.8746



179.2000, -36.5806, 66.4766



182.3220, -38.6127, 18.1346



96.7510, -2.3422, 4.6034



81.9190, -40.3861, 73.7390



18.9930, -9.3635, 16.6691



# Inverse Universe

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



154.0280, 24.1432, -43.8746



180.8000, 36.5806, -66.4766



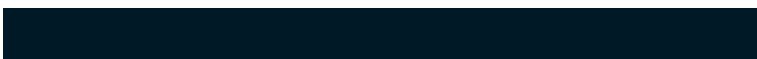
125.2650, 38.3234, -18.6494



97.2490, 2.3422, -4.6034



83.4940, 40.6755, -73.2242



19.0070, 9.3635, -16.6691



# Previews

## White Background



This preview shows how the YUV color 152.9720, -24.1432, 43.8746 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

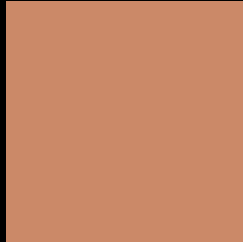
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.9720, -24.1432, 43.8746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

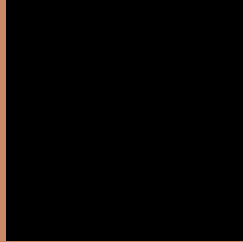
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.9720, -24.1432, 43.8746

## Background



This preview shows how black text looks on a background with the YUV color 152.9720, -24.1432, 43.8746.



This preview shows how white text looks on a background with the YUV color 152.9720, -24.1432, 43.8746.



# 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

152.9720, -24.1432, 43.8746

### Protanopia

151.5010, -19.9670, 10.9616

### Deuteranopia

152.0470, -24.6732, 27.1458



## Tritanopia

155.2660, -6.5401, 44.4937

# Trichromacy



## Original Color

152.9720, -24.1432, 43.8746

## Protanomaly

151.8230, -21.6047, 22.9572

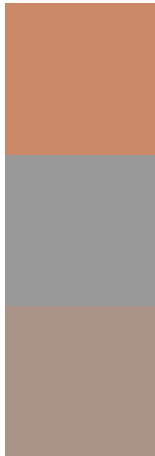
## Deuteranomaly

152.4930, -24.4000, 32.8936

## Tritanomaly

154.5450, -13.0867, 44.2490

# Monochromacy



## Original Color

152.9720, -24.1432, 43.8746

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

152.8080, -8.7793, 15.9544

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.9720, -24.1432, 43.8746 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, 137, 104)` looks like.

```
.text, #text, p{  
    color:rgb(203, 137, 104)  
}
```

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, 137, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 137, 104) }
```

## Border

The CSS property to change the border of an element to YUV 152.9720, -24.1432, 43.8746 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, 137, 104) }
```



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

```
.border{ border-color:rgb(203, 137, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 137, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 137, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 137, 104);  
box-shadow:4px 4px 4px 4px rgb(203, 137,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 152.9720, -24.1432, 43.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 137, 104) }
```

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

```
.background{ background-color: rgb(203,  
137, 104) }
```

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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