

# Converting Colors

YUV(151.9870, -20.2066,  
41.2304)

Have a look what the booklet for  
YUV(151.9870, -20.2066, 41.2304)  
contains.

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# Color

**YUV(151.9870, -20.2066,  
41.2304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7886F
RGB	199, 136, 111
RGB Percent	78%, 53%, 44%
CMY	0.2196, 0.4667, 0.5647
CMYK	0.00, 0.32, 0.44, 0.22
HSL	17°, 44%, 61%
HSV	17°, 44%, 78%
XYZ	35.2266, 30.8981, 19.1462
YIQ	151.9870, 45.5730, 5.5810

# Conversions

## Conversions Part 2

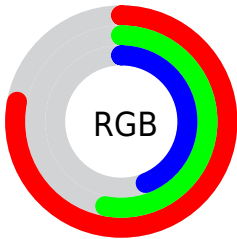
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 146, 111
Decimal	13076591
CIE <sub>Lab</sub>	62.42, 21.13, 23.16
CIE <sub>LCh</sub>	62, 31.352, 47.626
Yxy	30.8981, 0.4131, 0.3624
Android (android.graphics.Color)	4291266671 (0xFFC7886F)
YUV	151.9870, -20.2066, 41.2304
Hunter-Lab	55.5861, 15.8452, 18.4883

# Details

The YUV color **151.9870, -20.2066, 41.2304** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **158.0130, 20.2066, -41.2304**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3570, -21.3750, 42.6599**, and **100.4210, -18.4486, 37.3418** is the 20% darker color. If you saturate the color by 10%, you get **141.4890, -24.8911, 50.4371**, and if you desaturate by 10%, it is **162.4850, -15.5221, 32.0237**.

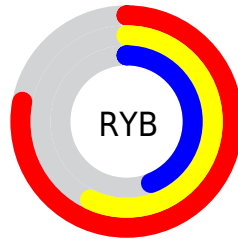
# Distribution



Red (78%)

Green (53%)

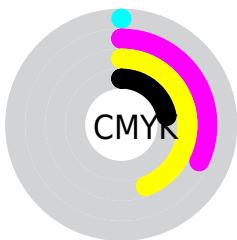
Blue (44%)



Red (78%)

Yellow (57%)

Blue (44%)

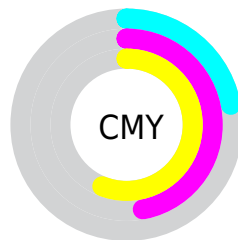


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (22%)



Cyan (22%)

Magenta (47%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 151.9870, -20.2066, 41.2304 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 151.9870, -20.2066, 41.2304 by changing the saturation by 10% instead.



 151.9870,  
-20.2066, 41.2304


 151.9870,  
-20.2066, 41.2304


255.0000, 0.0000,  
0.0000

 125.5030,  
-19.4750, 39.9009


 206.3570,  
-21.3750, 42.6599


 100.4210,  
-18.4486, 37.3418


 225.8710,  
-17.6844, 25.5461


 75.4530, -16.9853,  
34.6827

 245.4990,  
-13.5570, 8.3324

 51.7840, -15.6695,  
32.6384

 253.9740, -3.9312,  
0.8998

 28.8160, -14.2063,  
29.9794

 11.9600, -5.8963,  
24.5911

 0.0000, 0.0000,

0.0000

■ 151.9870,  
-20.2066, 41.2304

■ 151.9870,  
-20.2066, 41.2304

■ 141.4890,  
-24.8911, 50.4371

■ 162.4850,  
-15.5221, 32.0237

■ 130.9910,  
-29.5756, 59.6439

■ 172.9830,  
-10.8376, 22.8169

■ 119.9060,  
-33.9707, 69.3654

■ 184.0680, -6.4425,  
13.0954

■ 109.4080,  
-38.6551, 78.5722

■ 194.5660, -1.7580,  
3.8886

■ 99.0240, -42.9028,  
87.6790

■ 205.0640, 2.9264,  
-5.3181

■ 92.9600, -45.8293,  
92.9971

■ 215.4480, 7.1741,  
-14.4249

■ 226.5330, 11.5692,  
-24.1464

■ 235.3210, 9.7017,  
-31.8535

■ 238.2560, 8.2548,  
-34.4275

# Harmonies

## Analogous

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



153.2940, -9.0189, 46.2232



151.9870, -20.2066, 41.2304



149.9930, -26.1255, 26.3161

# Triad

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



151.9870, -20.2066, 41.2304



138.8990, -0.4432, -44.6384



151.3940, 25.9348, -11.7465

# Complementary

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



151.9870, -20.2066, 41.2304



158.0130, 20.2066, -41.2304

# 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.



143.6350, 30.2529, -43.5299



151.9870, -20.2066, 41.2304



133.5230, 16.5042, -67.1107

# Square

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



151.9870, -20.2066, 41.2304



143.8670, -15.2174, -19.1774



134.1990, 28.0029, -68.5805



154.8770, 16.8226, 17.6479



# Rectangle

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



151.9870, -20.2066, 41.2304



148.7910, -26.5190, 12.4613



134.1990, 28.0029, -68.5805



149.1970, 28.0039, -22.0978

# Sweetspot

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



151.9870, -20.2066, 41.2304



237.1500, -7.4689, 15.6545



144.4940, 14.5465, 47.8018



116.8010, -4.8319, 9.8215



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.



151.9870, -20.2066, 41.2304



182.6710, -30.8968, 63.4325



177.8150, -32.9398, 18.5792



93.8650, -1.9054, 4.5034



75.7390, -37.3393, 76.5279



16.6340, -8.2006, 16.9840



# Inverse Universe

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



158.0130, 20.2066, -41.2304



192.3290, 30.8968, -63.4325



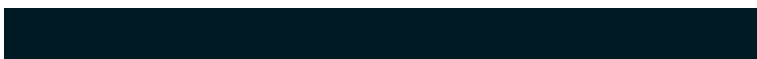
132.1850, 32.9398, -18.5792



95.1350, 1.9054, -4.5034



87.2610, 37.3393, -76.5279



19.3660, 8.2006, -16.9840



# Previews

## White Background



This preview shows how the YUV color 151.9870, -20.2066, 41.2304 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

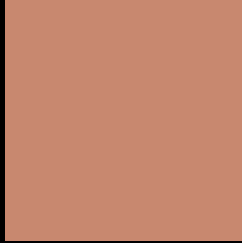
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 151.9870, -20.2066, 41.2304 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

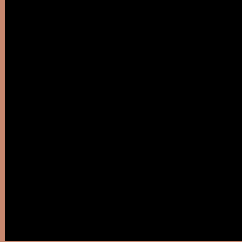
Any Text WCAG AA ✓ Pass

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 151.9870, -20.2066, 41.2304 Background



This preview shows how black text looks on a background with the YUV color 151.9870, -20.2066, 41.2304.



This preview shows how white text looks on a background with the YUV color 151.9870, -20.2066,

41.2304.

# 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

151.9870, -20.2066, 41.2304

### Protanopia

150.2280, -15.8884, 9.4470

### Deuteranopia

151.0620, -20.7366, 24.5016



## Tritanopia

154.0700, -5.9505, 42.0346

# Trichromacy



## Original Color

151.9870, -20.2066, 41.2304

## Protanomaly

151.1370, -17.8155, 20.9279

## Deuteranomaly

151.5080, -20.4634, 30.2495

## Tritanomaly

153.1040, -10.8973, 42.0048

# Monochromacy



## Original Color

151.9870, -20.2066, 41.2304

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

151.8510, -7.3215, 15.0397

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.9870, -20.2066, 41.2304 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(199, 136, 111)` looks like.

```
.text, #text, p{  
    color:rgb(199, 136, 111)  
}
```

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(199, 136, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 136, 111) }
```

## Border

The CSS property to change the border of an element to YUV 151.9870, -20.2066, 41.2304 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(199, 136, 111) }
```



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

```
.border{ border-color:rgb(199, 136, 111) }
```

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

Here you see how a box with a 4 pixel rgb(199, 136, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 136, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 136, 111);  
box-shadow:4px 4px 4px 4px rgb(199, 136,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 151.9870, -20.2066, 41.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 136, 111) }
```

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

```
.background{ background-color: rgb(199,  
136, 111) }
```

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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