

# Converting Colors

YUV(176.9940, -10.8430,  
24.5613)

Have a look what the booklet for  
YUV(176.9940, -10.8430, 24.5613)  
contains.

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# Color

**YUV(176.9940, -10.8430,  
24.5613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA79B
RGB	205, 167, 155
RGB Percent	80%, 65%, 61%
CMY	0.1961, 0.3451, 0.3922
CMYK	0.00, 0.19, 0.24, 0.20
HSL	14°, 33%, 71%
HSV	14°, 24%, 80%
XYZ	44.9119, 42.9831, 36.9398
YIQ	176.9940, 26.5000, 4.3240

# Conversions

## Conversions Part 2

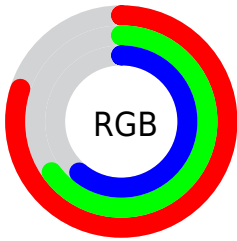
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 171, 155
Decimal	13477787
CIE <sub>Lab</sub>	71.54, 12.10, 11.45
CIE <sub>LCh</sub>	72, 16.658, 43.411
Yxy	42.9831, 0.3598, 0.3443
Android (android.graphics.Color)	4291667867 (0xFFCDA79B)
YUV	176.9940, -10.8430, 24.5613
Hunter-Lab	65.5615, 7.5461, 12.4869

# Details

The YUV color **176.9940, -10.8430, 24.5613** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.0060, 10.8430, -24.5613**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3850, -10.5428, 21.5874**, and **124.2110, -9.9640, 22.6170** is the 20% darker color. If you saturate the color by 10%, you get **165.2080, -15.3855, 34.8976**, and if you desaturate by 10%, it is **188.6660, -6.7373, 14.3249**.

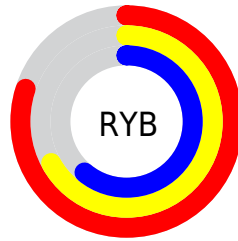
# Distribution



Red (80%)

Green (65%)

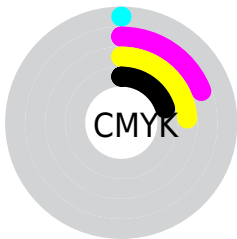
Blue (61%)



Red (80%)

Yellow (67%)

Blue (61%)

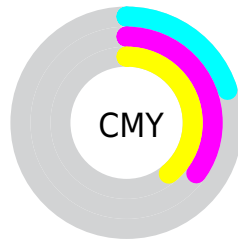


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.9940, -10.8430, 24.5613 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 176.9940, -10.8430, 24.5613 by changing the saturation by 10% instead.





 176.9940,  
-10.8430, 24.5613


 176.9940,  
-10.8430, 24.5613


255.0000, 0.0000,  
0.0000


 150.3960,  
-10.5482, 23.3317


 230.3850,  
-10.5428, 21.5874


 124.2110, -9.9640,  
22.6170

 250.7140, -6.2680,  
3.7588

 99.0260, -9.3798,  
21.9022

 75.1290, -8.9376,  
20.0579

 51.6450, -8.2060,  
18.7283

 30.6340, -8.2006,  
16.9840

 8.6710, -4.2748,

17.8285

■ 0.0000, 0.0000,  
0.0000

■ 176.9940,  
-10.8430, 24.5613

■ 176.9940,  
-10.8430, 24.5613

■ 165.2080,  
-15.3855, 34.8976

■ 188.6660, -6.7373,  
14.3249

■ 154.1230,  
-19.7806, 44.6191

■ 199.8650, -1.9054,  
4.5034

■ 142.4510,  
-23.8863, 54.8555

■ 211.5370, 2.2003,  
-5.7329

■ 131.2520,  
-28.7182, 64.6770

■ 222.7360, 7.0322,  
-15.5545

■ 119.4660,  
-33.2607, 75.0133

■ 234.1800, 10.2643,  
-25.5909

■ 108.3810,  
-37.6558, 84.7349

■ 240.0500, 7.3704,  
-30.7388

■ 96.5950, -42.1983,  
95.0712

■ 90.0580, -44.3986,  
100.8041

# Harmonies

## Analogous

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



178.0140, -4.4439, 25.4207



176.9940, -10.8430, 24.5613



175.4400, -14.0209, 17.1541

# Triad

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



176.9940, -10.8430, 24.5613



170.2980, -2.1189, -20.4323



175.4410, 14.5726, -7.4028

# Complementary

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



176.9940, -10.8430, 24.5613



183.0060, 10.8430, -24.5613

# 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.



172.5810, 15.4896, -21.5575



176.9940, -10.8430, 24.5613



169.4200, 6.2019, -29.3093

# Square

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



176.9940, -10.8430, 24.5613



172.4260, -9.5770, -8.2666



170.7280, 12.4591, -29.5795



177.2750, 9.7244, 7.6518



# Rectangle

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



176.9940, -10.8430, 24.5613



174.8690, -14.7254, 9.7619



170.7280, 12.4591, -29.5795



174.8210, 14.8782, -12.1210

# Sweetspot

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



176.9940, -10.8430, 24.5613



244.7300, -3.8109, 9.0068



174.2820, 9.2280, 26.9397



122.0500, -2.4896, 5.2182



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.



176.9940, -10.8430, 24.5613



213.6920, -16.1172, 36.2271



191.6690, -18.0778, 11.6913



96.1640, -2.0529, 5.1182



73.1140, -36.0452, 81.4610



16.6450, -8.2060, 18.7283

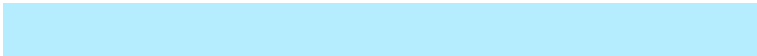


# Inverse Universe

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



183.0060, 10.8430, -24.5613



222.3080, 16.1172, -36.2271



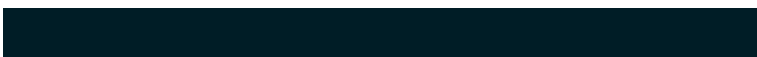
168.3310, 18.0778, -11.6913



97.8360, 2.0529, -5.1182



92.8860, 36.0452, -81.4610



21.3550, 8.2060, -18.7283



# Previews

## White Background



This preview shows how the YUV color 176.9940, -10.8430, 24.5613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

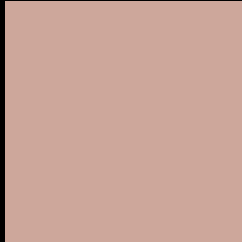
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.9940, -10.8430, 24.5613 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

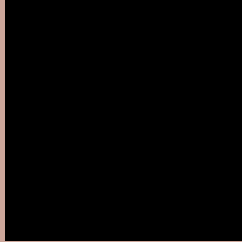
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 176.9940, -10.8430, 24.5613

## Background



This preview shows how black text looks on a background with the YUV color 176.9940, -10.8430, 24.5613.



This preview shows how white text looks on a background with the YUV color 176.9940, -10.8430, 24.5613.

24.5613.

# 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

176.9940, -10.8430, 24.5613

### Protanopia

175.2690, -8.0206, 5.9031

### Deuteranopia

176.6730, -10.6848, 20.4578



## Tritanopia

178.2250, -1.0969, 25.2357

# Trichromacy



## Original Color

176.9940, -10.8430, 24.5613

## Protanomaly

175.7860, -8.7685, 12.4657

## Deuteranomaly

176.6840, -10.6902, 22.2021

## Tritanomaly

177.6010, -4.7333, 24.9059

# Monochromacy



## Original Color

176.9940, -10.8430, 24.5613

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

176.7300, -3.8109, 9.0068

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.9940, -10.8430, 24.5613 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(205, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(205, 167, 155)  
}
```

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(205, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 167, 155) }
```

## Border

The CSS property to change the border of an element to YUV 176.9940, -10.8430, 24.5613 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(205, 167, 155) }
```



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

```
.border{ border-color:rgb(205, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(205, 167,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 176.9940, -10.8430, 24.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 167, 155) }
```

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

```
.background{ background-color: rgb(205,  
167, 155) }
```

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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