

# Converting Colors

YUV(179.9770, -28.5827,  
21.0682)

Have a look what the booklet for  
YUV(179.9770, -28.5827, 21.0682)  
contains.

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# Color

**YUV(179.9770, -28.5827,  
21.0682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCB37A
RGB	204, 179, 122
RGB Percent	80%, 70%, 48%
CMY	0.2000, 0.2980, 0.5216
CMYK	0.00, 0.12, 0.40, 0.20
HSL	42°, 45%, 64%
HSV	42°, 40%, 80%
XYZ	44.5348, 46.4827, 25.0372
YIQ	179.9770, 33.1970, -12.4270

# Conversions

## Conversions Part 2

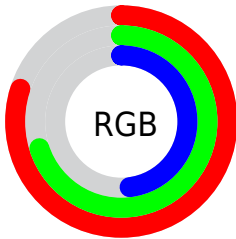
Format	Color
<b>RYB</b>	158, 204, 122
Decimal	13415290
CIELab	73.86, 1.03, 32.40
CIELCh	74, 32.415, 88.174
Yxy	46.4827, 0.3837, 0.4005
Android (android.graphics.Color)	4291605370 (0xFFCCB37A)
YUV	179.9770, -28.5827, 21.0682
Hunter-Lab	68.1782, -2.7137, 25.9516

# Details

The YUV color  $179.9770, -28.5827, 21.0682$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $146.0230, 28.5827, -21.0682$ , and the grayscale version is  $180.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $234.1400, -29.1560, 18.2942$ , and  $126.4220, -26.8300, 18.9239$  is the 20% darker color. If you saturate the color by 10%, you get  $174.1750, -35.5823, 26.1565$ , and if you desaturate by 10%, it is  $185.7790, -21.5830, 15.9798$ .

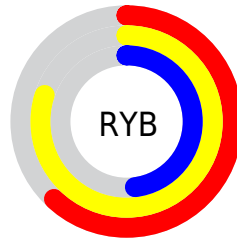
# Distribution



Red (80%)

Green (70%)

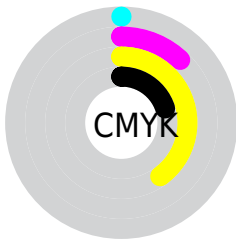
Blue (48%)



Red (62%)

Yellow (80%)

Blue (48%)

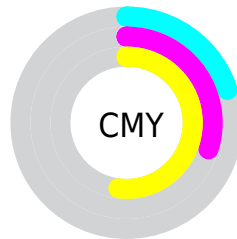


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.9770, -28.5827, 21.0682 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 179.9770, -28.5827, 21.0682 by changing the saturation by 10% instead.



■ 179.9770,  
-28.5827, 21.0682

■ 179.9770,  
-28.5827, 21.0682

255.0000, 0.0000,  
0.0000

■ 152.9060,  
-27.5617, 20.2534

■ 234.1400,  
-29.1560, 18.2942

■ 126.4220,  
-26.8300, 18.9239

■ 249.0720,  
-22.7135, 5.1989

■ 101.9380,  
-26.0984, 17.5944

■ 252.2640,  
-10.4832, 2.3995

■ 77.1550, -25.2194,  
15.6501

■ 53.3290, -25.7982,  
14.6205

■ 33.7120, -16.6200,  
10.7766

■ 13.3230, -6.5682,

6.7327

0.0000, 0.0000,  
0.0000

179.9770,  
-28.5827, 21.0682

179.9770,  
-28.5827, 21.0682

174.1750,  
-35.5823, 26.1565

185.7790,  
-21.5830, 15.9798

168.2590,  
-43.0187, 31.3449

191.6950,  
-14.1466, 10.7915

161.8700,  
-49.7289, 36.9480

198.0840, -7.4364,  
5.1883

155.9540,  
-57.1653, 42.1363

204.0000, 0.0000,  
0.0000

150.1520,  
-64.1649, 47.2247

209.8020, 6.9996,  
-5.0884

■ 144.3500,  
-71.1645, 52.3131

■ 215.6040, 13.9992,  
-10.1767

■ 220.9670, 16.7783,  
-14.8801

■ 224.4890, 15.0419,  
-17.9689

■ 228.0110, 13.3056,  
-21.0576

# Harmonies

## Analogous

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



182.4230, -24.8585, 39.9710



179.9770, -28.5827, 21.0682



176.6750, -23.9968, -3.2230

# Triad

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



179.9770, -28.5827, 21.0682



164.5810, 21.8986, -70.6695



186.3190, 13.1537, 27.7842

# Complementary

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



179.9770, -28.5827, 21.0682



146.0230, 28.5827, -21.0682

# 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.



184.1180, 24.5918, -0.9805



179.9770, -28.5827, 21.0682



169.2260, 30.4546, -61.5882

# Square

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



179.9770, -28.5827, 21.0682



167.7280, 5.5571, -55.8895



177.5160, 30.8046, -33.7785



185.1720, -0.5778, 45.4532



# Rectangle

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



179.9770, -28.5827, 21.0682



174.2150, -16.3750, -21.2366



177.5160, 30.8046, -33.7785



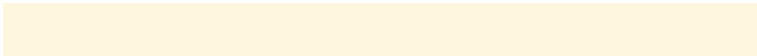
186.0020, 17.2540, 19.2922

# Sweetspot

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



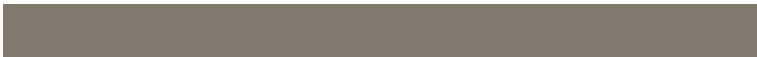
179.9770, -28.5827, 21.0682



246.1830, -10.9362, 7.7325



149.4820, -0.7306, 47.8123



122.4260, -6.1260, 4.8884



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.



179.9770, -28.5827, 21.0682



219.3730, -42.5819, 31.2449



190.1670, -33.6063, -1.0235



99.0990, -3.4998, 2.5442



117.1390, -57.7495, 42.8511



27.2110, -13.4150, 9.4620



# Inverse Universe

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



146.0230, 28.5827, -21.0682



168.6270, 42.5819, -31.2449



135.8330, 33.6063, 1.0235



94.9010, 3.4998, -2.5442



48.8610, 57.7495, -42.8511



11.3760, 13.1256, -9.9768



# Previews

## White Background



This preview shows how the YUV color 179.9770, -28.5827, 21.0682 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

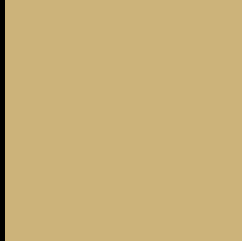
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.9770, -28.5827, 21.0682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

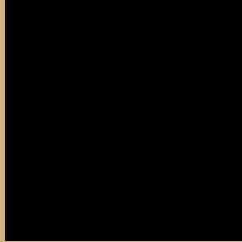
Any Text WCAG AA ✓ Pass

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 179.9770, -28.5827, 21.0682 Background



This preview shows how black text looks on a background with the YUV color 179.9770, -28.5827, 21.0682.



This preview shows how white text looks on a background with the YUV color 179.9770, -28.5827, 21.0682.



# 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

179.9770, -28.5827, 21.0682

### Protanopia

179.7590, -27.9822, 15.1204

### Deuteranopia

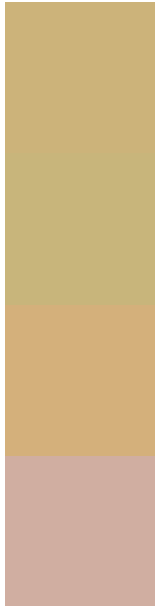
181.0430, -28.6152, 31.5343



## Tritanopia

184.4420, -0.2179, 23.2914

# Trichromacy



## Original Color

179.9770, -28.5827, 21.0682

## Protanomaly

180.0690, -28.1350, 17.4795

## Deuteranomaly

180.7220, -28.4569, 27.4308

## Tritanomaly

182.6840, -10.6902, 22.2021

# Monochromacy



## Original Color

179.9770, -28.5827, 21.0682

## Achromatopsia

180.0000, 0.0000, 0.0000

## Achromatomaly

180.2970, -10.4994, 7.6325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.9770, -28.5827, 21.0682 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(204, 179, 122)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 122)  
}
```

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(204, 179, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 122) }
```

## Border

The CSS property to change the border of an element to YUV 179.9770, -28.5827, 21.0682 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(204, 179, 122) }
```



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

```
.border{ border-color:rgb(204, 179, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 179.9770, -28.5827, 21.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 122) }
```

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

```
.background{ background-color: rgb(204,  
179, 122) }
```

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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