

# Converting Colors

YUV(181.4510, -30.7883,  
28.5455)

Have a look what the booklet for  
YUV(181.4510, -30.7883, 28.5455)  
contains.

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# Color

**YUV(181.4510, -30.7883,  
28.5455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6B177
RGB	214, 177, 119
RGB Percent	84%, 69%, 47%
CMY	0.1608, 0.3059, 0.5333
CMYK	0.00, 0.17, 0.44, 0.16
HSL	37°, 54%, 65%
HSV	37°, 44%, 84%
XYZ	46.7835, 47.0723, 24.0729
YIQ	181.4510, 40.6700, -10.1940

# Conversions

## Conversions Part 2

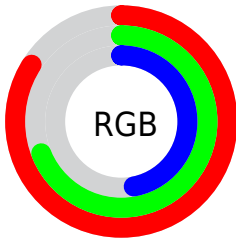
Format	Color
<a href="#">RYB</a>	<a href="#">180, 214, 119</a>
Decimal	<a href="#">14070135</a>
CIELab	<a href="#">74.24, 5.83, 34.64</a>
CIELCh	<a href="#">74, 35.131, 80.446</a>
Yxy	<a href="#">47.0723, 0.3967, 0.3992</a>
Android (android.graphics.Color)	<a href="#">4292260215 (0xFFD6B177)</a>
YUV	<a href="#">181.4510, -30.7883, 28.5455</a>
Hunter-Lab	<a href="#">68.6093, 1.6498, 27.2235</a>

# Details

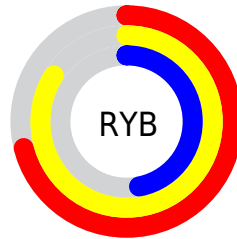
The YUV color **181.4510, -30.7883, 28.5455** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **151.5490, 30.7883, -28.5455**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6240, -29.8876, 19.6238**, and **128.1840, -29.1777, 25.2716** is the 20% darker color. If you saturate the color by 10%, you get **174.3610, -37.6460, 34.7634**, and if you desaturate by 10%, it is **188.5410, -23.9307, 22.3275**.

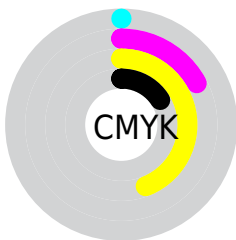
# Distribution



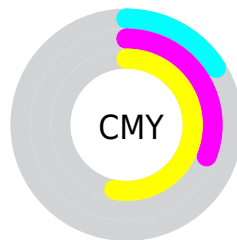
- Red (84%)
- Green (69%)
- Blue (47%)



- Red (71%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.4510, -30.7883, 28.5455 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 181.4510, -30.7883, 28.5455 by changing the saturation by 10% instead.



■ 181.4510,  
-30.7883, 28.5455

■ 181.4510,  
-30.7883, 28.5455

255.0000, 0.0000,  
0.0000

■ 154.0810,  
-29.6199, 27.1160

■ 232.6240,  
-29.8876, 19.6238

■ 128.1840,  
-29.1777, 25.2716

■ 248.6160,  
-24.4607, 5.5988

■ 102.8140,  
-28.0093, 23.8421

■ 251.9220,  
-11.7935, 2.6994

■ 77.9170, -27.5671,  
21.9978

■ 54.4330, -26.8355,  
20.6683

■ 34.6310, -17.0731,  
16.1096

■ 14.2420, -7.0213,

12.0658

■ 0.0000, 0.0000,  
0.0000

■ 181.4510,  
-30.7883, 28.5455

■ 181.4510,  
-30.7883, 28.5455

■ 174.3610,  
-37.6460, 34.7634

■ 188.5410,  
-23.9307, 22.3275

■ 166.5700,  
-44.6510, 41.5961

■ 196.3320,  
-16.9257, 15.4948

■ 159.4800,  
-51.5086, 47.8140

■ 203.4220,  
-10.0680, 9.2769

■ 152.2760,  
-58.8031, 54.1319

■ 210.6260, -2.7736,  
2.9590

■ 144.5990,  
-65.3713, 60.8647

■ 218.3030, 3.7946,  
-3.7737

140.8830,  
-69.4553, 64.1236

225.3930, 10.6523,  
-9.9917

231.0010, 11.8315,  
-14.9099

236.2840, 9.2270,  
-19.5431

240.9800, 6.9119,  
-23.6615

# Harmonies

## Analogous

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



183.5810, -24.4434, 46.8485



181.4510, -30.7883, 28.5455



177.9810, -28.0916, 3.5247

# Triad

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



181.4510, -30.7883, 28.5455



162.4830, 20.4679, -78.4766



187.2520, 18.1168, 22.5810

# Complementary

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



181.4510, -30.7883, 28.5455



151.5490, 30.7883, -28.5455

# 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.



183.6160, 29.2763, -10.1872



181.4510, -30.7883, 28.5455



164.7080, 32.6820, -76.0429

# Square

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



181.4510, -30.7883, 28.5455



168.0010, 1.4785, -54.3749



175.4650, 34.7738, -46.8888



186.9100, 3.4954, 45.6829



# Rectangle

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



181.4510, -30.7883, 28.5455



175.5810, -21.4854, -15.4185



175.4650, 34.7738, -46.8888



186.3370, 22.5119, 12.8595

# Sweetspot

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



181.4510, -30.7883, 28.5455



243.6070, -10.6523, 9.9917



151.7370, 2.5947, 54.6047



120.9100, -6.8576, 6.2179



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.



181.4510, -30.7883, 28.5455



208.4990, -43.6300, 40.7814



200.4790, -40.1691, 3.9649



103.3980, -3.6472, 3.1590



112.1770, -55.3033, 51.5878



28.1190, -13.8627, 13.0506



# Inverse Universe

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



151.5490, 30.7883, -28.5455



165.9140, 43.9194, -40.2666



132.5210, 40.1691, -3.9649



100.1890, 3.3578, -3.6738



58.8230, 55.3033, -51.5878



14.8810, 13.8627, -13.0506



# Previews

## White Background



This preview shows how the YUV color 181.4510, -30.7883, 28.5455 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

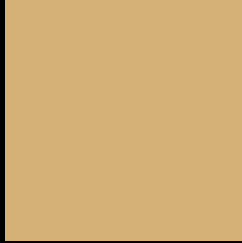
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.4510, -30.7883, 28.5455 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

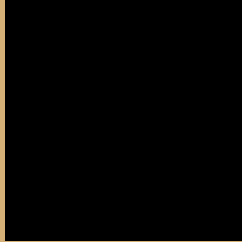
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 181.4510, -30.7883, 28.5455

## Background



This preview shows how black text looks on a background with the YUV color 181.4510, -30.7883, 28.5455.



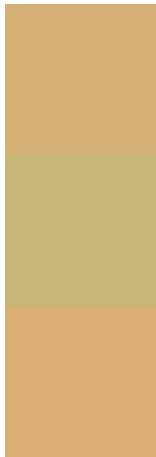
This preview shows how white text looks on a background with the YUV color 181.4510, -30.7883, 28.5455.



# 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

181.4510, -30.7883, 28.5455

### Protanopia

180.4170, -29.2926, 15.4203

### Deuteranopia

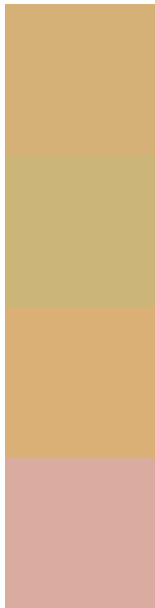
182.0710, -31.0940, 33.2637



## Tritanopia

185.7310, -1.8394, 30.0539

# Trichromacy



## Original Color

181.4510, -30.7883, 28.5455

## Protanomaly

180.9230, -30.0350, 20.2385

## Deuteranomaly

182.0600, -31.0886, 31.5194

## Tritanomaly

184.2720, -12.4591, 29.5795

# Monochromacy



## Original Color

181.4510, -30.7883, 28.5455

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

181.3790, -11.5258, 10.1916

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.4510, -30.7883, 28.5455 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(214, 177, 119)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 119)  
}
```

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(214, 177, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 119) }
```

## Border

The CSS property to change the border of an element to YUV 181.4510, -30.7883, 28.5455 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(214, 177, 119) }
```



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

```
.border{ border-color:rgb(214, 177, 119) }
```

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

Here you see how a box with a 4 pixel rgb(214, 177, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 119);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 181.4510, -30.7883, 28.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 119) }
```

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

```
.background{ background-color: rgb(214,  
177, 119) }
```

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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