

# Converting Colors

YUV(182.4420, -20.4309,  
19.7834)

Have a look what the booklet for  
YUV(182.4420, -20.4309, 19.7834)  
contains.

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# Color

**YUV(182.4420, -20.4309,  
19.7834)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDB38D
RGB	205, 179, 141
RGB Percent	80%, 70%, 55%
CMY	0.1961, 0.2980, 0.4471
CMYK	0.00, 0.13, 0.31, 0.20
HSL	36°, 39%, 68%
HSV	36°, 31%, 80%
XYZ	46.1047, 47.1424, 31.8687
YIQ	182.4420, 27.6940, -6.3060

# Conversions

## Conversions Part 2

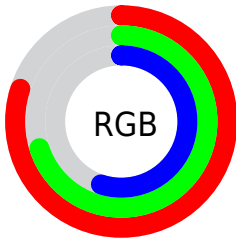
Format	Color
<b>R<sub>YB</sub></b>	185, 205, 141
Decimal	13480845
CIE Lab	74.28, 3.72, 22.87
CIE LCh	74, 23.167, 80.761
Yxy	47.1424, 0.3685, 0.3768
Android (android.graphics.Color)	4291670925 (0xFFCDB38D)
YUV	182.4420, -20.4309, 19.7834
Hunter-Lab	68.6603, -0.2948, 20.5428

# Details

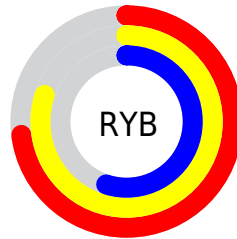
The YUV color  $182.4420, -20.4309, 19.7834$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $163.5580, 20.4309, -19.7834$ , and the grayscale version is  $183.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $236.4200, -20.4201, 16.2947$ , and  $129.1860, -18.8257, 18.2539$  is the 20% darker color. If you saturate the color by 10%, you get  $175.4660, -26.8517, 25.9013$ , and if you desaturate by 10%, it is  $189.5320, -13.5733, 13.5654$ .

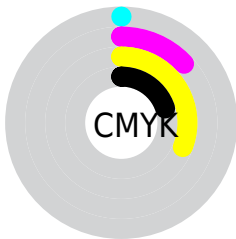
# Distribution



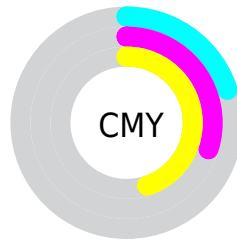
- Red (80%)
- Green (70%)
- Blue (55%)



- Red (73%)
- Yellow (80%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 182.4420, -20.4309, 19.7834 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 182.4420, -20.4309, 19.7834 by changing the saturation by 10% instead.



■ 182.4420,  
-20.4309, 19.7834

■ 182.4420,  
-20.4309, 19.7834

255.0000, 0.0000,  
0.0000

■ 155.2570,  
-19.8467, 19.0686

■ 236.4200,  
-20.4201, 16.2947

■ 129.1860,  
-18.8257, 18.2539

■ 251.3520,  
-13.9775, 3.1993

■ 103.7020,  
-18.0941, 16.9243

■ 254.5440, -1.7472,  
0.3999

■ 80.1040, -17.7993,  
15.6948

■ 56.7340, -16.6309,  
14.2653

■ 34.3210, -16.9203,  
13.7505

■ 14.8180, -7.3053,

9.8066

0.0000, 0.0000,  
0.0000

182.4420,  
-20.4309, 19.7834

182.4420,  
-20.4309, 19.7834

175.4660,  
-26.8517, 25.9013

189.5320,  
-13.5733, 13.5654

167.7890,  
-33.4200, 32.6340

197.0950, -7.4418,  
6.9327

160.8130,  
-39.8408, 38.7520

204.1850, -0.5842,  
0.7148

153.7230,  
-46.6984, 44.9699

211.1610, 5.8366,  
-5.4032

146.1600,  
-52.8299, 51.6027

218.7240, 11.9681,  
-12.0359

■ 139.0700,  
-59.6875, 57.8206

■ 224.7880, 14.8945,  
-17.3541

■ 132.9090,  
-65.5241, 63.2238

■ 229.4840, 12.5794,  
-21.4725

■ 234.7670, 9.9749,  
-26.1057

■ 239.4630, 7.6597,  
-30.2241

# Harmonies

## Analogous

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



184.2570, -16.3957, 32.2236



182.4420, -20.4309, 19.7834



180.2010, -18.3401, 2.4547

# Triad

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



182.4420, -20.4309, 19.7834



173.7000, 11.4869, -44.4639



185.9000, 11.8813, 15.8737

# Complementary

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



182.4420, -20.4309, 19.7834



163.5580, 20.4309, -19.7834

# 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.



183.6030, 18.9297, -4.9138



182.4420, -20.4309, 19.7834



175.4860, 19.4804, -41.6452

# Square

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



182.4420, -20.4309, 19.7834



174.4920, 0.2504, -33.7575



179.8560, 21.7630, -27.0607



186.3550, 1.7970, 30.3837



# Rectangle

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



182.4420, -20.4309, 19.7834



178.5630, -14.0816, -10.1408



179.8560, 21.7630, -27.0607



185.8390, 14.3764, 8.9112

# Sweetspot

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



182.4420, -20.4309, 19.7834



247.0950, -7.4418, 6.9327



163.2140, 2.3595, 36.6463



122.7680, -4.8156, 4.5885



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.



182.4420, -20.4309, 19.7834



221.9780, -30.0622, 28.9603



196.2090, -27.2180, 3.3247



98.5120, -3.2104, 3.0590



107.1600, -52.8299, 51.6027



24.8630, -12.2575, 11.5211



# Inverse Universe

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



163.5580, 20.4309, -19.7834



194.0220, 30.0622, -28.9603



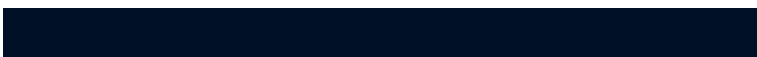
149.7910, 27.2180, -3.3247



95.4880, 3.2104, -3.0590



58.2530, 53.1193, -51.0879

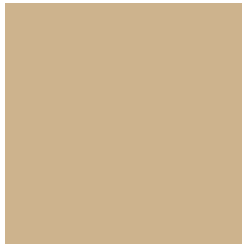


13.7240, 11.9681, -12.0359



# Previews

## White Background



This preview shows how the YUV color 182.4420, -20.4309, 19.7834 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

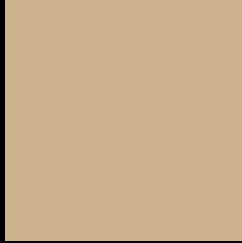
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 182.4420, -20.4309, 19.7834 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

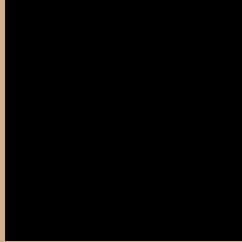
Any Text WCAG AA ✓ Pass

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 182.4420, -20.4309, 19.7834 Background



This preview shows how black text looks on a background with the YUV color 182.4420, -20.4309, 19.7834.



This preview shows how white text looks on a background with the YUV color 182.4420, -20.4309, 19.7834.



# 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

182.4420, -20.4309, 19.7834

### Protanopia

181.4410, -18.9514, 11.8912

### Deuteranopia

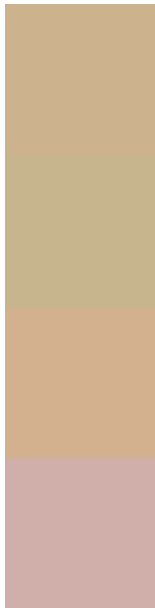
182.8990, -20.1632, 27.2756



## Tritanopia

185.5450, 0.2243, 21.4470

# Trichromacy



## Original Color

182.4420, -20.4309, 19.7834

## Protanomaly

181.9360, -19.6884, 14.9651

## Deuteranomaly

182.5890, -20.0104, 24.9164

## Tritanomaly

184.2970, -7.0484, 20.7875

# Monochromacy



## Original Color

182.4420, -20.4309, 19.7834

## Achromatopsia

182.0000, 0.0000, 0.0000

## Achromatomaly

182.0950, -7.4418, 6.9327

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 182.4420, -20.4309, 19.7834 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, 179, 141)` looks like.

```
.text, #text, p{  
    color:rgb(205, 179, 141)  
}
```

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, 179, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 179, 141) }
```

## Border

The CSS property to change the border of an element to YUV 182.4420, -20.4309, 19.7834 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, 179, 141) }
```



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

```
.border{ border-color:rgb(205, 179, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 179, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 179, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 179, 141);  
box-shadow:4px 4px 4px 4px rgb(205, 179,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 182.4420, -20.4309, 19.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 179, 141) }
```

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

```
.background{ background-color: rgb(205,  
179, 141) }
```

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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