

Converting Colors

YUV(188.5880, -18.5309,
17.0243)

Have a look what the booklet for
YUV(188.5880, -18.5309, 17.0243)
contains.

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Color

**YUV(188.5880, -18.5309,
17.0243)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BA97
RGB	208, 186, 151
RGB Percent	82%, 73%, 59%
CMY	0.1843, 0.2706, 0.4078
CMYK	0.00, 0.11, 0.27, 0.18
HSL	37°, 38%, 70%
HSV	37°, 27%, 82%
XYZ	49.1572, 50.7621, 36.4854
YIQ	188.5880, 24.3470, -6.2210

Conversions

Conversions Part 2

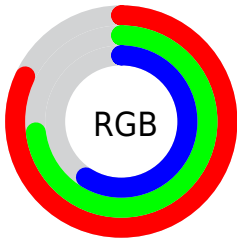
Format	Color
RYB	187, 208, 151
Decimal	13679255
CIELab	76.53, 2.49, 20.63
CIELCh	77, 20.777, 83.116
Yxy	50.7621, 0.3604, 0.3721
Android (android.graphics.Color)	4291869335 (0xFFD0BA97)
YUV	188.5880, -18.5309, 17.0243
Hunter-Lab	71.2475, -1.5270, 19.5113

Details

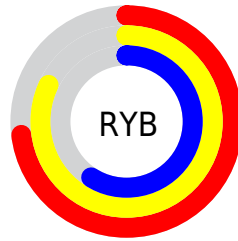
The YUV color $188.5880, -18.5309, 17.0243$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $170.4120, 18.5309, -17.0243$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.6690, -18.0778, 11.6913$, and $135.2180, -17.3625, 15.5948$ is the 20% darker color. If you saturate the color by 10%, you get $181.4980, -25.3885, 23.2423$, and if you desaturate by 10%, it is $195.6780, -11.6733, 10.8064$.

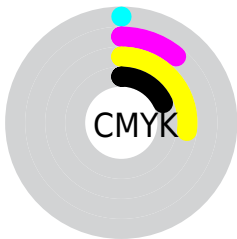
Distribution



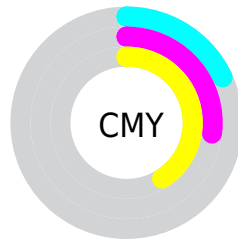
- Red (82%)
- Green (73%)
- Blue (59%)



- Red (73%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5880, -18.5309, 17.0243 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 188.5880, -18.5309, 17.0243 by changing the saturation by 10% instead.

■ 188.5880,
-18.5309, 17.0243

■ 188.5880,
-18.5309, 17.0243

255.0000, 0.0000,
0.0000

■ 161.4030,
-17.9467, 16.3096

■ 241.6690,
-18.0778, 11.6913

■ 135.2180,
-17.3625, 15.5948

■ 252.6060, -9.1728,
2.0995

■ 109.7340,
-16.6309, 14.2653

■ 85.5490, -16.0467,
13.5505

■ 62.0650, -15.3150,
12.2210

■ 39.6520, -15.6044,
11.7062

■ 20.1230, -9.9206,

8.6621

0.0000, 0.0000,
0.0000

188.5880,
-18.5309, 17.0243

188.5880,
-18.5309, 17.0243

181.4980,
-25.3885, 23.2423

195.6780,
-11.6733, 10.8064

174.4080,
-32.2461, 29.4602

202.7680, -4.8156,
4.5885

167.4320,
-38.6670, 35.5781

209.7440, 1.6052,
-1.5295

160.3420,
-45.5246, 41.7961

216.8340, 8.4628,
-7.7474

153.2520,
-52.3822, 48.0140

223.9240, 15.3205,
-13.9653

■ 146.1620,
-59.2399, 54.2319

■ 228.6200, 13.0053,
-18.0837

■ 139.0720,
-66.0975, 60.4499

■ 233.3160, 10.6902,
-22.2021

■ 137.3280,
-67.7027, 61.9793

■ 238.0120, 8.3751,
-26.3205

■ 240.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



190.4630, -15.5113, 28.5349



188.5880, -18.5309, 17.0243



186.3580, -16.4455, 1.4400

Triad

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



188.5880, -18.5309, 17.0243



181.5050, 10.5970, -39.0309



192.0310, 9.8447, 15.7588

Complementary

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



188.5880, -18.5309, 17.0243



170.4120, 18.5309, -17.0243

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.



190.0440, 16.7403, -2.6696



188.5880, -18.5309, 17.0243



183.0630, 17.7169, -36.0123

Square

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



188.5880, -18.5309, 17.0243



182.3290, 0.8238, -30.9835



186.6070, 19.4207, -22.4573



192.7030, 0.6394, 28.3245

Rectangle

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



188.5880, -18.5309, 17.0243



185.0190, -12.3344, -10.5407



186.6070, 19.4207, -22.4573



191.6820, 12.4818, 9.9259

Sweetspot

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



188.5880, -18.5309, 17.0243



248.0240, -6.4208, 6.1180



170.6650, 1.6442, 32.7428



123.5830, -4.2314, 3.8737



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.



188.5880, -18.5309, 17.0243



226.6400, -27.4305, 24.8717



199.7080, -24.0130, 2.0101



101.3980, -3.6472, 3.1590



110.6930, -54.5716, 50.2582



26.9340, -13.2785, 12.3359

Inverse Universe

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



170.4120, 18.5309, -17.0243



199.3600, 27.4305, -24.8717



159.2920, 24.0130, -2.0101



97.6020, 3.6472, -3.1590



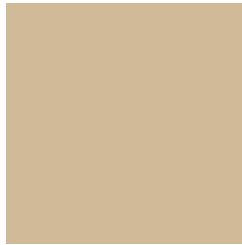
57.3070, 54.5716, -50.2582



14.0660, 13.2785, -12.3359

Previews

White Background



This preview shows how the YUV color 188.5880, -18.5309, 17.0243 looks on a white background.

Color Contrast Check

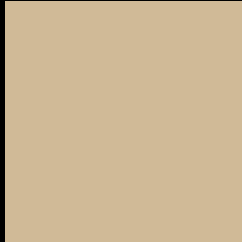
Large Text (above 18pt) WCAG AA × Fail

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 188.5880, -18.5309, 17.0243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

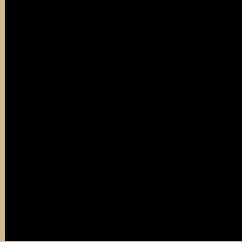
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.5880, -18.5309, 17.0243

Background



This preview shows how black text looks on a background with the YUV color 188.5880, -18.5309, 17.0243.



This preview shows how white text looks on a background with the YUV color 188.5880, -18.5309, 17.0243.

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

188.5880, -18.5309, 17.0243

Protanopia

188.0710, -17.7830, 10.4617

Deuteranopia

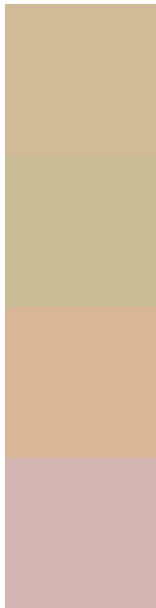
189.3550, -18.4160, 26.8757



Tritanopia

191.4630, 1.2507, 18.8879

Trichromacy



Original Color

188.5880, -18.5309, 17.0243

Protanomaly

188.3810, -17.9358, 12.8209

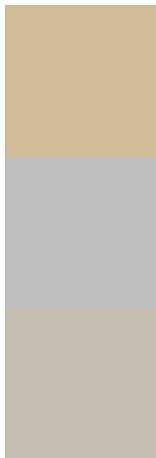
Deuteranomaly

189.3330, -18.4052, 23.3870

Tritanomaly

190.2150, -6.0220, 18.2284

Monochromacy



Original Color

188.5880, -18.5309, 17.0243

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5880, -18.5309, 17.0243 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(208, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(208, 186, 151)  
}
```

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(208, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 186, 151) }
```

Border

The CSS property to change the border of an element to YUV 188.5880, -18.5309, 17.0243 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(208, 186, 151) }
```


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

```
.border{ border-color:rgb(208, 186, 151) }
```

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

Here you see how a box with a 4 pixel rgb(208, 186, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(208, 186,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 188.5880, -18.5309, 17.0243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 186, 151) }
```

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

```
.background{ background-color: rgb(208,  
186, 151) }
```

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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