

Converting Colors

YUV(186.9300, -17.2205,
16.7244)

Have a look what the booklet for
YUV(186.9300, -17.2205, 16.7244)
contains.

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Color

**YUV(186.9300, -17.2205,
16.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB898
RGB	206, 184, 152
RGB Percent	81%, 72%, 60%
CMY	0.1922, 0.2784, 0.4039
CMYK	0.00, 0.11, 0.26, 0.19
HSL	36°, 36%, 70%
HSV	36°, 26%, 81%
XYZ	48.2616, 49.6698, 36.7493
YIQ	186.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

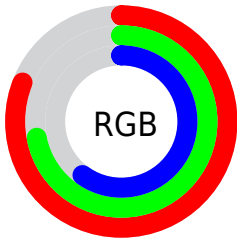
Format	Color
R_{YB}	189, 206, 152
Decimal	13547672
CIE _{Lab}	75.87, 2.92, 19.14
CIE _{LCh}	76, 19.362, 81.328
Yxy	49.6698, 0.3583, 0.3688
Android (android.graphics.Color)	4291737752 (0xFFCEB898)
YUV	186.9300, -17.2205, 16.7244
Hunter-Lab	70.4768, -1.0999, 18.4177

Details

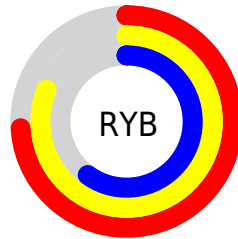
The YUV color $186.9300, -17.2205, 16.7244$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $171.0700, 17.2205, -16.7244$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6090, -17.0622, 12.6209$, and $133.5600, -16.0521, 15.2949$ is the 20% darker color. If you saturate the color by 10%, you get $179.8400, -24.0781, 22.9423$, and if you desaturate by 10%, it is $194.0200, -10.3629, 10.5065$.

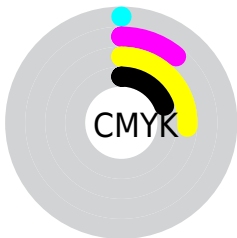
Distribution



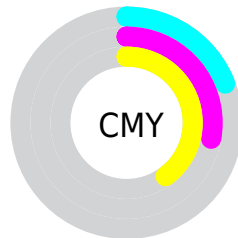
- Red (81%)
- Green (72%)
- Blue (60%)



- Red (74%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9300, -17.2205, 16.7244 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 186.9300, -17.2205, 16.7244 by changing the saturation by 10% instead.

■ 186.9300,
-17.2205, 16.7244

■ 186.9300,
-17.2205, 16.7244

255.0000, 0.0000,
0.0000

■ 159.7450,
-16.6363, 16.0096

■ 240.6090,
-17.0622, 12.6209

■ 133.5600,
-16.0521, 15.2949

■ 252.7200, -8.7360,
1.9996

■ 108.3750,
-15.4679, 14.5801

■ 83.8910, -14.7363,
13.2506

■ 60.7060, -14.1521,
12.5358

■ 38.1080, -13.8572,
11.3063

■ 18.6500, -9.1944,

9.0770

■ 0.0000, 0.0000,
0.0000

■ 186.9300,
-17.2205, 16.7244

■ 186.9300,
-17.2205, 16.7244

■ 179.8400,
-24.0781, 22.9423

■ 194.0200,
-10.3629, 10.5065

■ 172.2770,
-30.2096, 29.5751

■ 201.5830, -4.2314,
3.8737

■ 165.1870,
-37.0672, 35.7930

■ 208.6730, 2.6262,
-2.3442

■ 157.6240,
-43.1986, 42.4258

■ 216.2360, 8.7577,
-8.9770

■ 150.5340,
-50.0563, 48.6437

■ 223.3260, 15.6153,
-15.1949

■ 143.4440,
-56.9139, 54.8616

■ 228.0220, 13.3002,
-19.3133

■ 135.8810,
-63.0453, 61.4944

■ 233.3050, 10.6956,
-23.9465

■ 133.2080,
-65.6715, 63.8386

■ 238.0010, 8.3805,
-28.0649

■ 240.3490, 7.2229,
-30.1241

Harmonies

Analogous

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



188.2070, -13.9061, 27.0055



186.9300, -17.2205, 16.7244



184.9990, -15.2825, 1.7549

Triad

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



186.9300, -17.2205, 16.7244



179.8860, 9.4232, -35.8570



189.6070, 9.5607, 13.4997

Complementary

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



186.9300, -17.2205, 16.7244



171.0700, 17.2205, -16.7244

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.



188.1040, 15.7247, -3.5992



186.9300, -17.2205, 16.7244



181.6180, 15.9643, -33.8680

Square

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



186.9300, -17.2205, 16.7244



180.8240, 0.0868, -27.9096



184.6780, 18.3997, -21.6426



190.5070, 1.2290, 25.8654

Rectangle

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



186.9300, -17.2205, 16.7244



183.5570, -11.6136, -8.3815



184.6780, 18.3997, -21.6426



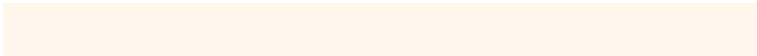
189.5570, 12.0504, 8.2815

Sweetspot

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



186.9300, -17.2205, 16.7244



248.0240, -6.4208, 6.1180



170.6540, 1.6496, 30.9984



122.9960, -3.9420, 4.3885



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.



186.9300, -17.2205, 16.7244



227.2100, -25.2465, 24.3718



198.6480, -22.9975, 2.9397



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.



171.0700, 17.2205, -16.7244



203.7900, 25.2465, -24.3718



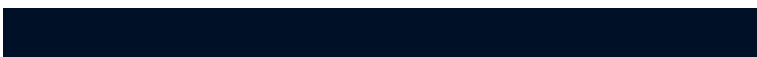
159.6510, 22.8501, -2.3249



95.4880, 3.2104, -3.0590



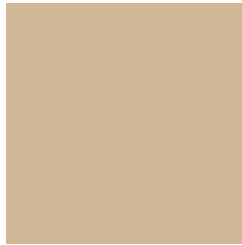
58.8400, 52.8299, -51.6027



13.7240, 11.9681, -12.0359

Previews

White Background



This preview shows how the YUV color 186.9300, -17.2205, 16.7244 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 186.9300, -17.2205, 16.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

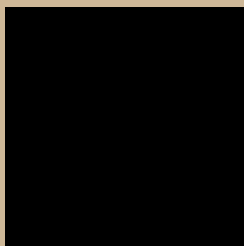
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.9300, -17.2205, 16.7244

Background



This preview shows how black text looks on a background with the YUV color 186.9300, -17.2205, 16.7244.

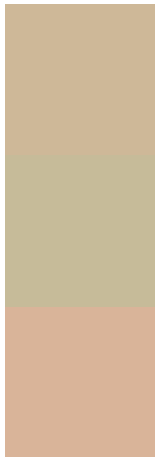


This preview shows how white text looks on a background with the YUV color 186.9300, -17.2205, 16.7244.

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

186.9300, -17.2205, 16.7244

Protanopia

186.4130, -16.4726, 10.1618

Deuteranopia

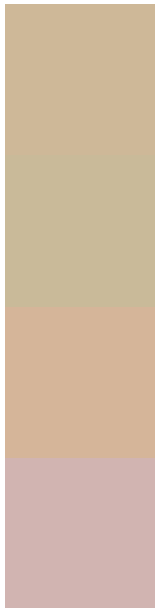
187.9850, -17.2476, 25.4462



Tritanopia

189.4630, 1.2507, 18.8879

Trichromacy



Original Color

186.9300, -17.2205, 16.7244

Protanomaly

186.7230, -16.6254, 12.5209

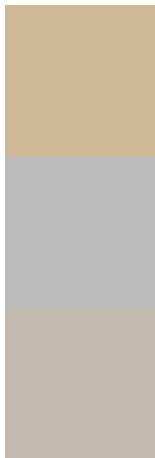
Deuteranomaly

187.3760, -16.9474, 22.4722

Tritanomaly

188.3290, -5.5852, 18.1285

Monochromacy



Original Color

186.9300, -17.2205, 16.7244

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9300, -17.2205, 16.7244 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(206, 184, 152)` looks like.

```
.text, #text, p{  
    color:rgb(206, 184, 152)  
}
```

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(206, 184, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 184, 152) }
```

Border

The CSS property to change the border of an element to YUV 186.9300, -17.2205, 16.7244 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(206, 184, 152) }
```


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

```
.border{ border-color:rgb(206, 184, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 184, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 184, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 184, 152);  
box-shadow:4px 4px 4px 4px rgb(206, 184,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 186.9300, -17.2205, 16.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 184, 152) }
```

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

```
.background{ background-color: rgb(206,  
184, 152) }
```

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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