

Converting Colors

YUV(186.6420, -17.0785,
17.8540)

Have a look what the booklet for
YUV(186.6420, -17.0785, 17.8540)
contains.

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Color

**YUV(186.6420, -17.0785,
17.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB798
RGB	207, 183, 152
RGB Percent	81%, 72%, 60%
CMY	0.1882, 0.2824, 0.4039
CMYK	0.00, 0.12, 0.27, 0.19
HSL	34°, 36%, 70%
HSV	34°, 27%, 81%
XYZ	48.3331, 49.3994, 36.6934
YIQ	186.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

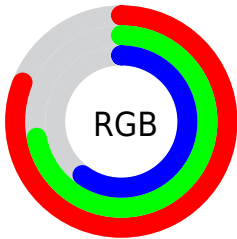
Format	Color
RYB	195, 207, 152
Decimal	13612952
CIELab	75.70, 3.84, 18.92
CIELCh	76, 19.308, 78.540
Yxy	49.3994, 0.3596, 0.3675
Android (android.graphics.Color)	4291803032 (0xFFCFB798)
YUV	186.6420, -17.0785, 17.8540
Hunter-Lab	70.2847, -0.2480, 18.2459

Details

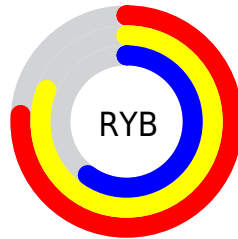
The YUV color $186.6420, -17.0785, 17.8540$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $172.3580, 17.0785, -17.8540$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.0220, -16.7728, 13.1357$, and $133.2720, -15.9101, 16.4245$ is the 20% darker color. If you saturate the color by 10%, you get $178.9650, -23.6467, 24.5867$, and if you desaturate by 10%, it is $194.3190, -10.5103, 11.1212$.

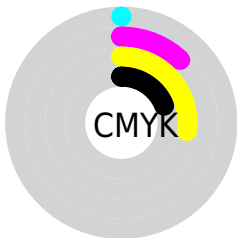
Distribution



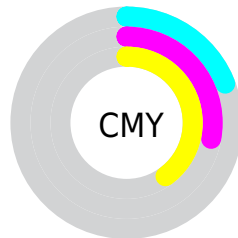
- Red (81%)
- Green (72%)
- Blue (60%)



- Red (76%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 186.6420, -17.0785, 17.8540 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 186.6420, -17.0785, 17.8540 by changing the saturation by 10% instead.

■ 186.6420,
-17.0785, 17.8540

■ 186.6420,
-17.0785, 17.8540

255.0000, 0.0000,
0.0000

■ 159.4570,
-16.4943, 17.1392

■ 240.0220,
-16.7728, 13.1357

■ 133.2720,
-15.9101, 16.4245

■ 252.7200, -8.7360,
1.9996

■ 108.0870,
-15.3259, 15.7097

■ 83.6030, -14.5943,
14.3802

■ 60.1190, -13.8627,
13.0506

■ 38.4070, -14.0047,
11.9211

■ 18.3620, -9.0525,

10.2065

■ 0.0000, 0.0000,
0.0000

■ 186.6420,
-17.0785, 17.8540

■ 186.6420,
-17.0785, 17.8540

■ 178.9650,
-23.6467, 24.5867

■ 194.3190,
-10.5103, 11.1212

■ 171.4020,
-29.7782, 31.2194

■ 201.8820, -4.3788,
4.4885

■ 163.7250,
-36.3464, 37.9522

■ 209.5590, 2.1894,
-2.2442

■ 156.0480,
-42.9147, 44.6849

■ 217.2360, 8.7577,
-8.9770

■ 148.4850,
-49.0461, 51.3177

■ 224.7990, 14.8891,
-15.6097

■ 140.8080,
-55.6143, 58.0504

■ 230.0820, 12.2846,
-20.2429

■ 133.1310,
-62.1826, 64.7831

■ 235.3650, 9.6801,
-24.8761

■ 130.5720,
-64.3720, 67.0274

■ 240.6480, 7.0755,
-29.5093

Harmonies

Analogous

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



188.6200, -13.6167, 27.5203



186.6420, -17.0785, 17.8540



184.8960, -15.7247, 3.5992

Triad

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



186.6420, -17.0785, 17.8540



179.6580, 8.5496, -35.6571



189.7100, 10.0030, 11.6553

Complementary

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



186.6420, -17.0785, 17.8540



172.3580, 17.0785, -17.8540

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.



187.2070, 16.1669, -5.4435



186.6420, -17.0785, 17.8540



181.2050, 15.6749, -34.3828

Square

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



186.6420, -17.0785, 17.8540



180.3080, -0.6448, -26.5801



183.9660, 18.2578, -22.7722



190.0230, 1.9607, 24.5358

Rectangle

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



186.6420, -17.0785, 17.8540



183.0410, -12.3452, -7.0520



183.9660, 18.2578, -22.7722



188.6600, 12.4926, 6.4372

Sweetspot

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



186.6420, -17.0785, 17.8540



247.4370, -6.1314, 6.6328



171.2950, 2.8126, 31.3133



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.



186.6420, -17.0785, 17.8540



224.5200, -25.3994, 26.7310



199.8330, -23.5817, 3.6545



100.8110, -3.3578, 3.6738



105.9970, -52.2565, 54.3766



25.7600, -12.6997, 13.3655

Inverse Universe

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



172.3580, 17.0785, -17.8540



203.4800, 25.3994, -26.7310



159.1670, 23.5817, -3.6545



98.1890, 3.3578, -3.6738



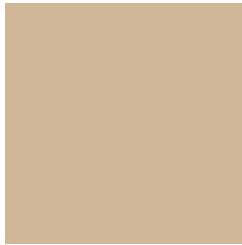
62.0030, 52.2565, -54.3766



15.2400, 12.6997, -13.3655

Previews

White Background



This preview shows how the YUV color 186.6420, -17.0785, 17.8540 looks on a white background.

Color Contrast Check

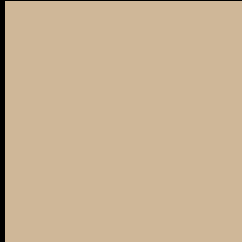
Large Text (above 18pt) WCAG AA × Fail

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 186.6420, -17.0785, 17.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

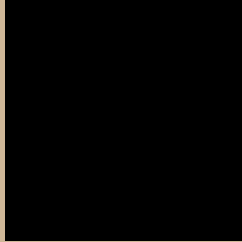
Any Text WCAG AA ✓ Pass

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 186.6420, -17.0785, 17.8540 Background



This preview shows how black text looks on a background with the YUV color 186.6420, -17.0785, 17.8540.



This preview shows how white text looks on a background with the YUV color 186.6420, -17.0785, 17.8540.

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

186.6420, -17.0785, 17.8540

Protanopia

185.6410, -15.5990, 9.9618

Deuteranopia

187.0990, -16.8108, 25.3462



Tritanopia

189.0610, 0.9559, 20.1175

Trichromacy



Original Color

186.6420, -17.0785, 17.8540

Protanomaly

186.1360, -16.3360, 13.0357

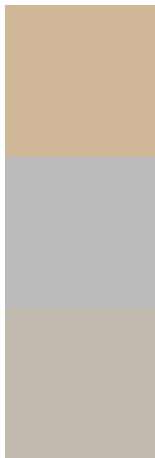
Deuteranomaly

186.7890, -16.6580, 22.9870

Tritanomaly

188.0410, -5.4432, 19.2580

Monochromacy



Original Color

186.6420, -17.0785, 17.8540

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 186.6420, -17.0785, 17.8540 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(207, 183, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 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(207, 183, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 152) }
```

Border

The CSS property to change the border of an element to YUV 186.6420, -17.0785, 17.8540 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(207, 183, 152) }
```


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

```
.border{ border-color:rgb(207, 183, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 183, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 186.6420, -17.0785, 17.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 152) }
```

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

```
.background{ background-color: rgb(207,  
183, 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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