

Converting Colors

YUV(186.3300, -17.4177,
-13.4444)

Have a look what the booklet for
YUV(186.3300, -17.4177, -13.4444)
contains.

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Color

**YUV(186.3300, -17.4177,
-13.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC997
RGB	171, 201, 151
RGB Percent	67%, 79%, 59%
CMY	0.3294, 0.2118, 0.4078
CMYK	0.15, 0.00, 0.25, 0.21
HSL	96°, 32%, 69%
HSV	96°, 25%, 79%
XYZ	43.2671, 52.6656, 37.1632
YIQ	186.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

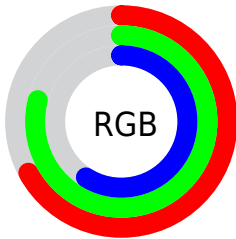
Format	Color
RYB	151, 201, 181
Decimal	11258263
CIELab	77.68, -19.15, 21.74
CIELCh	78, 28.974, 131.374
Yxy	52.6656, 0.3251, 0.3957
Android (android.graphics.Color)	4289448343 (0xFFABC997)
YUV	186.3300, -17.4177, -13.4444
Hunter-Lab	72.5711, -20.5770, 20.4377

Details

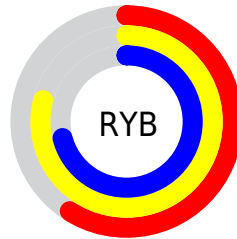
The YUV color $186.3300, -17.4177, -13.4444$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $165.6700, 17.4177, 13.4444$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9280, -17.7125, -12.2149$, and $132.9710, -16.2547, -13.1296$ is the 20% darker color. If you saturate the color by 10%, you get $180.4620, -24.3848, -18.8222$, and if you desaturate by 10%, it is $192.1980, -10.4506, -8.0666$.

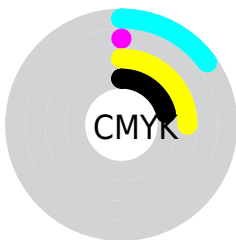
Distribution



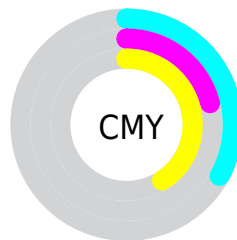
- Red (67%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3300, -17.4177, -13.4444 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 186.3300, -17.4177, -13.4444 by changing the saturation by 10% instead.

■ 186.3300,
-17.4177, -13.4444

■ 186.3300,
-17.4177, -13.4444

255.0000, 0.0000,
0.0000

■ 159.4440,
-16.9809, -13.5444

■ 240.9280,
-17.7125, -12.2149

■ 132.9710,
-16.2547, -13.1296

■ 252.6060, -9.1728,
2.0995

■ 107.4980,
-15.5285, -12.7147

■ 82.9110, -15.2391,
-12.1999

■ 59.1390, -14.3655,
-12.3999

■ 37.1390, -14.3655,
-12.3999

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 186.3300,
-17.4177, -13.4444

■ 186.3300,
-17.4177, -13.4444

■ 180.4620,
-24.3848, -18.8222

■ 192.1980,
-10.4506, -8.0666

■ 174.5940,
-31.3518, -24.1999

■ 198.0660, -3.4835,
-2.6889

■ 168.7260,
-38.3189, -29.5777

■ 203.9340, 3.4835,
2.6889

■ 162.8580,
-45.2860, -34.9555

■ 209.8020, 10.4506,
8.0666

■ 156.9900,
-52.2531, -40.3332

■ 215.7840, 17.8545,
13.3444

■ 151.0080,
-59.6569, -45.6110

■ 219.7140, 17.3960,
20.4218

■ 145.1400,
-66.6240, -50.9888

■ 223.3020, 15.6271,
27.7991

■ 141.9070,
-69.9602, -54.2924

Harmonies

Analogous

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



189.8230, -25.0557, 9.8022



186.3300, -17.4177, -13.4444



182.6180, -4.2487, -37.3760

Triad

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



186.3300, -17.4177, -13.4444



185.0650, 28.0690, -43.0300



195.3800, -6.1033, 44.3937

Complementary

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



186.3300, -17.4177, -13.4444



165.6700, 17.4177, 13.4444

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.



196.3430, 6.7329, 33.9022



186.3300, -17.4177, -13.4444



191.6600, 25.8036, -16.3648

Square

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



186.3300, -17.4177, -13.4444



180.0000, 23.1710, -58.7590



195.7730, 17.8599, 11.6001



193.9810, -17.7386, 42.9897

Rectangle

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



186.3300, -17.4177, -13.4444



180.1740, 5.8302, -50.1416



195.7730, 17.8599, 11.6001



195.8080, -1.8773, 42.2644

Sweetspot

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



186.3300, -17.4177, -13.4444



249.6590, -6.2409, -4.9629



183.5600, -16.0521, 15.2949



124.6530, -3.7729, -3.2037



0.0000, 0.0000, 0.0000



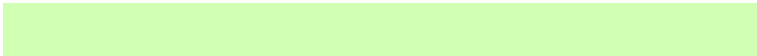
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.3300, -17.4177, -13.4444



232.5820, -26.4159, -20.6814



180.9200, -12.2856, -26.2398



96.1800, -3.0467, -2.7889



115.1160, -56.7522, -43.9517



25.3180, -12.4818, -9.9259

Inverse Universe

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



165.6700, 17.4177, 13.4444



201.1190, 26.5633, 20.0666



171.0800, 12.2856, 26.2398



92.5210, 3.1941, 2.1741



47.8840, 56.7522, 43.9517



10.3830, 12.6292, 9.3111

Previews

White Background



This preview shows how the YUV color 186.3300, -17.4177, -13.4444 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 186.3300, -17.4177, -13.4444 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 186.3300, -17.4177, -13.4444 Background



This preview shows how black text looks on a background with the YUV color 186.3300, -17.4177, -13.4444.



This preview shows how white text looks on a background with the YUV color 186.3300, -17.4177, -13.4444.

-13.4444.

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

186.3300, -17.4177, -13.4444

Protanopia

190.1700, -21.2828, 13.0059

Deuteranopia

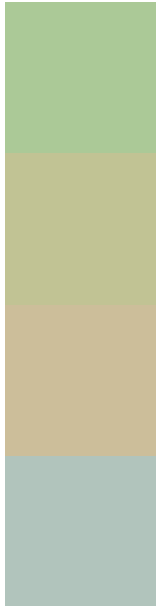
192.3550, -18.4160, 26.8757



Tritanopia

190.9370, 8.9051, -9.5917

Trichromacy



Original Color

186.3300, -17.4177, -13.4444

Protanomaly

189.0440, -20.2347, 3.4694

Deuteranomaly

190.0820, -17.7884, 12.2061

Tritanomaly

189.4070, -0.6937, -10.8809

Monochromacy



Original Color

186.3300, -17.4177, -13.4444

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9580, -6.3883, -4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3300, -17.4177, -13.4444 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(171, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 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(171, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 151) }
```

Border

The CSS property to change the border of an element to YUV 186.3300, -17.4177, -13.4444 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(171, 201, 151) }
```


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

```
.border{ border-color:rgb(171, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(171, 201,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 186.3300, -17.4177, -13.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 151) }
```

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

```
.background{ background-color: rgb(171,  
201, 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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