

Converting Colors

YUV(216.5250, -16.5278,
-18.8774)

Have a look what the booklet for
YUV(216.5250, -16.5278, -18.8774)
contains.

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Color

**YUV(216.5250, -16.5278,
-18.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EAB7
RGB	195, 234, 183
RGB Percent	76%, 92%, 72%
CMY	0.2353, 0.0824, 0.2824
CMYK	0.17, 0.00, 0.22, 0.08
HSL	106°, 55%, 82%
HSV	106°, 22%, 92%
XYZ	60.4757, 73.8666, 55.8700
YIQ	216.5250, -6.8730, -24.1290

Conversions

Conversions Part 2

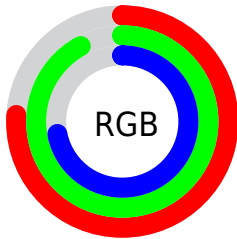
Format	Color
RYB	183, 234, 222
Decimal	12839607
CIELab	88.86, -21.93, 20.68
CIElCh	89, 30.141, 136.689
Yxy	73.8666, 0.3179, 0.3883
Android (android.graphics.Color)	4291029687 (0xFFC3EAB7)
YUV	216.5250, -16.5278, -18.8774
Hunter-Lab	85.9457, -24.8034, 21.6198

Details

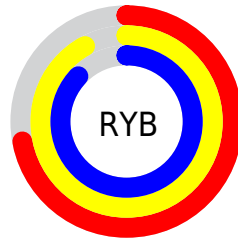
The YUV color $216.5250, -16.5278, -18.8774$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $200.4750, 16.5278, 18.8774$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2790, -6.5465, -0.2447$, and $161.4650, -15.5122, -17.9478$ is the 20% darker color. If you saturate the color by 10%, you get $208.5210, -23.9209, -27.6439$, and if you desaturate by 10%, it is $224.5290, -9.1348, -10.1109$.

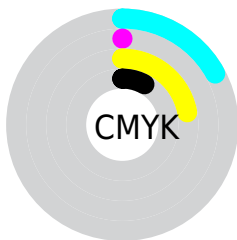
Distribution



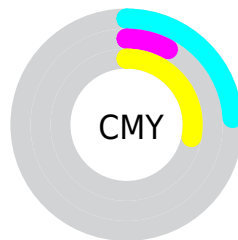
- Red (76%)
- Green (92%)
- Blue (72%)



- Red (72%)
- Yellow (92%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5250, -16.5278, -18.8774 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 216.5250, -16.5278, -18.8774 by changing the saturation by 10% instead.


 216.5250,
-16.5278, -18.8774


 216.5250,
-16.5278, -18.8774


255.0000, 0.0000,
0.0000


 188.9380,
-16.2384, -18.3626


 252.2790, -6.5465,
-0.2447

 161.4650,
-15.5122, -17.9478

 134.9920,
-14.7861, -17.5330

 109.4050,
-14.4967, -17.0182

 84.6330, -13.6231,
-17.2181

 61.1600, -12.8969,
-16.8033

 37.9750, -12.3127,

-17.5181

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 216.5250,
-16.5278, -18.8774

■ 216.5250,
-16.5278, -18.8774

■ 208.5210,
-23.9209, -27.6439

■ 224.5290, -9.1348,
-10.1109

■ 200.4030,
-31.7507, -36.3104

■ 232.6470, -1.3050,
-1.4444

■ 192.3990,
-39.1437, -45.0769

■ 240.6510, 6.0881,
7.3221

■ 184.2810,
-46.9735, -53.7434

■ 242.6730, 6.0772,
10.8108

■ 176.5760,
-54.5140, -61.8952

■ 168.5720,
-61.9070, -70.6616

■ 160.4540,
-69.7368, -79.3282

■ 153.8030,
-75.8249, -86.6502

Harmonies

Analogous

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



219.9860, -25.6291, 7.0283



216.5250, -16.5278, -18.8774



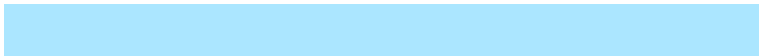
212.2690, -1.6116, -43.2089

Triad

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



216.5250, -16.5278, -18.8774



215.2090, 19.6170, -38.7713



219.1180, -5.4812, 31.4685

Complementary

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



216.5250, -16.5278, -18.8774



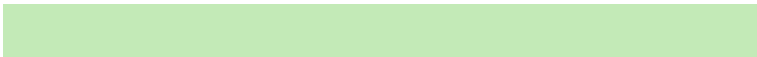
200.4750, 16.5278, 18.8774

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.



223.0110, 6.8966, 28.0544



216.5250, -16.5278, -18.8774



221.0000, 16.7620, -9.6470

Square

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



216.5250, -16.5278, -18.8774



210.3590, 22.0080, -59.0738



226.1930, 14.2019, 18.2477



219.2030, -17.8481, 31.3940

Rectangle

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



216.5250, -16.5278, -18.8774



210.3520, 9.1935, -55.5597



226.1930, 14.2019, 18.2477



219.6710, -0.8238, 30.9835

Sweetspot

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



216.5250, -16.5278, -18.8774



248.7620, -5.7987, -6.8073



220.5550, -18.5146, 11.7913



124.3540, -3.6255, -3.8185



0.0000, 0.0000, 0.0000



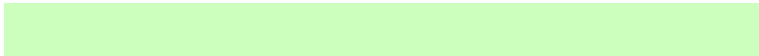
128.0000, 0.0000, 0.0000

Same Dimension

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



216.5250, -16.5278, -18.8774



232.2270, -21.3109, -24.7551



214.4190, -9.0806, -27.5545



113.0550, -3.4781, -4.4332



119.1040, -58.7183, -66.7432



35.5850, -17.5434, -19.8070

Inverse Universe

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



200.4750, 16.5278, 18.8774



211.4740, 21.4583, 24.1403



202.5810, 9.0806, 27.5545



109.9450, 3.4781, 4.4332



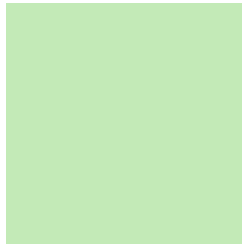
61.8960, 58.7183, 66.7432



18.4150, 17.5434, 19.8070

Previews

White Background



This preview shows how the YUV color 216.5250, -16.5278, -18.8774 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 216.5250, -16.5278, -18.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

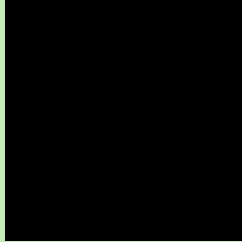
Any Text WCAG AA ✓ Pass

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 216.5250, -16.5278, -18.8774 Background



This preview shows how black text looks on a background with the YUV color 216.5250, -16.5278, -18.8774.



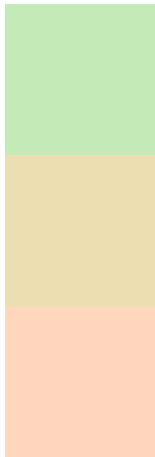
This preview shows how white text looks on a background with the YUV color 216.5250, -16.5278, -18.8774.

-18.8774.

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

216.5250, -16.5278, -18.8774

Protanopia

221.3550, -21.8670, 13.7207

Deuteranopia

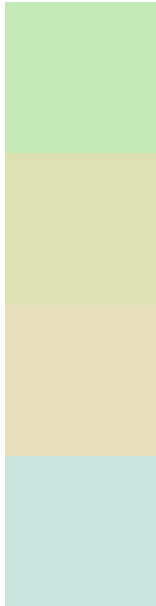
223.9960, -17.2530, 27.1905



Tritanopia

221.7730, 10.9579, -14.7099

Trichromacy



Original Color

216.5250, -16.5278, -18.8774

Protanomaly

219.4460, -19.9399, 2.2399

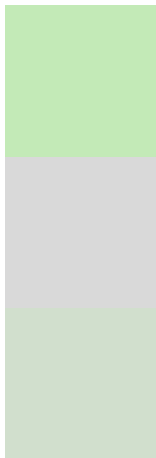
Deuteranomaly

221.2990, -16.9094, 10.2618

Tritanomaly

219.8300, 1.0698, -16.5139

Monochromacy



Original Color

216.5250, -16.5278, -18.8774

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.7620, -5.7987, -6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5250, -16.5278, -18.8774 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(195, 234, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 183)  
}
```

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(195, 234, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 183) }
```

Border

The CSS property to change the border of an element to YUV 216.5250, -16.5278, -18.8774 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(195, 234, 183) }
```


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

```
.border{ border-color:rgb(195, 234, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 234, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 216.5250, -16.5278, -18.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 234, 183) }
```

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

```
.background{ background-color: rgb(195,  
234, 183) }
```

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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