

# Converting Colors

YUV(216.4110, -16.9646,  
-18.7774)

Have a look what the booklet for  
YUV(216.4110, -16.9646, -18.7774)  
contains.

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# Color

**YUV(216.4110, -16.9646,  
-18.7774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3EAB6
RGB	195, 234, 182
RGB Percent	76%, 92%, 71%
CMY	0.2353, 0.0824, 0.2863
CMYK	0.17, 0.00, 0.22, 0.08
HSL	105°, 55%, 82%
HSV	105°, 22%, 92%
XYZ	60.3720, 73.8251, 55.3237
YIQ	216.4110, -6.5520, -24.4400

# Conversions

## Conversions Part 2

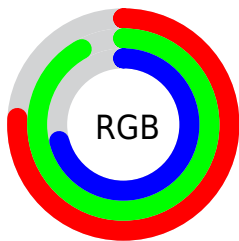
Format	Color
R <sub>YB</sub>	182, 234, 221
Decimal	12839606
CIE Lab	88.84, -22.09, 21.17
CIE LCh	89, 30.595, 136.229
Yxy	73.8251, 0.3186, 0.3895
Android (android.graphics.Color)	4291029686 (0xFFC3EAB6)
YUV	216.4110, -16.9646, -18.7774
Hunter-Lab	85.9216, -24.9413, 21.9691

# Details

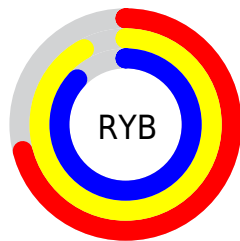
The YUV color **216.4110, -16.9646, -18.7774** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.5890, 16.9646, 18.7774**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.1650, -6.9833, -0.1447**, and **161.3510, -15.9490, -17.8478** is the 20% darker color. If you saturate the color by 10%, you get **208.4070, -24.3577, -27.5439**, and if you desaturate by 10%, it is **224.4150, -9.5716, -10.0110**.

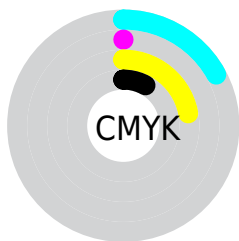
# Distribution



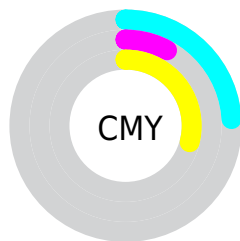
- Red (76%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (87%)



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



- Cyan (24%)
- Magenta (8%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.4110, -16.9646, -18.7774 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 216.4110, -16.9646, -18.7774 by changing the saturation by 10% instead.



■ 216.4110,  
-16.9646, -18.7774

■ 216.4110,  
-16.9646, -18.7774

255.0000, 0.0000,  
0.0000

■ 188.8240,  
-16.6752, -18.2626

■ 252.1650, -6.9833,  
-0.1447

■ 161.3510,  
-15.9490, -17.8478

■ 134.8780,  
-15.2229, -17.4330

■ 109.2910,  
-14.9335, -16.9182

■ 84.5190, -14.0599,  
-17.1182

■ 61.0460, -13.3337,  
-16.7033

■ 37.8610, -12.7495,

-17.4181

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 216.4110,  
-16.9646, -18.7774

■ 216.4110,  
-16.9646, -18.7774

■ 208.4070,  
-24.3577, -27.5439

■ 224.4150, -9.5716,  
-10.0110

■ 200.5880,  
-32.3349, -35.5957

■ 232.2340, -1.5944,  
-1.9592

■ 192.5840,  
-39.7279, -44.3622

■ 240.2380, 5.7987,  
6.8073

■ 184.7650,  
-47.7051, -52.4139

■ 242.6730, 6.0772,  
10.8108

■ 176.7610,  
-55.0982, -61.1804

■ 169.0560,  
-62.6386, -69.3321

■ 160.9380,  
-70.4684, -77.9986

■ 154.9990,  
-76.4145, -84.1911

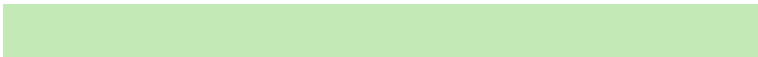
# Harmonies

## Analogous

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



219.8720, -26.0659, 7.1283



216.4110, -16.9646, -18.7774



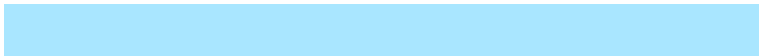
212.7420, -2.3378, -43.6237

# Triad

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



216.4110, -16.9646, -18.7774



214.6110, 19.9118, -40.0008



218.5310, -5.1918, 31.9833

# Complementary

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



216.4110, -16.9646, -18.7774



199.5890, 16.9646, 18.7774

# 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.



222.5380, 7.6228, 28.4692



216.4110, -16.9646, -18.7774



220.7010, 16.9094, -10.2618

# Square

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



216.4110, -16.9646, -18.7774



210.3480, 22.0134, -60.8182



226.1930, 14.2019, 18.2477



219.0890, -18.2849, 31.4939



# Rectangle

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



216.4110, -16.9646, -18.7774



210.5260, 8.6147, -56.5893



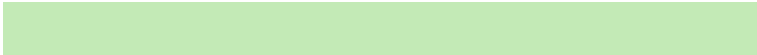
226.1930, 14.2019, 18.2477



219.6710, -0.8238, 30.9835

# Sweetspot

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



216.4110, -16.9646, -18.7774



249.0610, -5.9461, -6.1925



220.4410, -18.9514, 11.8912



124.3540, -3.6255, -3.8185



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

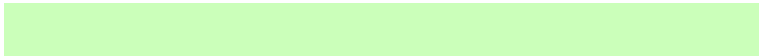


# Same Dimension

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



216.4110, -16.9646, -18.7774



231.5860, -22.4739, -25.0699



214.0060, -9.3700, -28.0693



113.3540, -3.6255, -3.8185



119.7020, -59.0131, -65.5137



35.5850, -17.5434, -19.8070



# Inverse Universe

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



199.5890, 16.9646, 18.7774



209.4140, 22.4739, 25.0699



201.9940, 9.3700, 28.0693



109.6460, 3.6255, 3.8185



61.2980, 59.0131, 65.5137

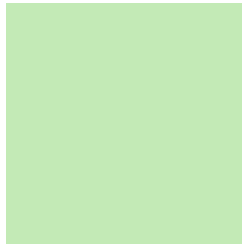


18.1160, 17.6908, 19.1923



# Previews

## White Background



This preview shows how the YUV color 216.4110, -16.9646, -18.7774 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 216.4110, -16.9646, -18.7774 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

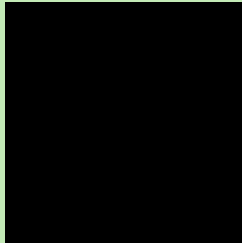
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

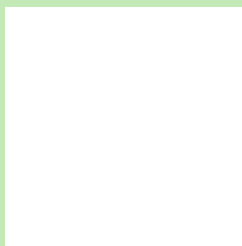
Any Text WCAG AAA ✓ Pass

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

# YUV 216.4110, -16.9646, -18.7774 Background



This preview shows how black text looks on a background with the YUV color 216.4110, -16.9646, -18.7774.



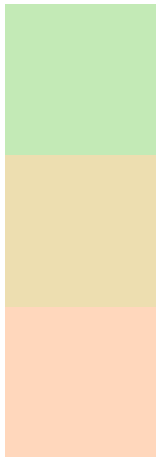
This preview shows how white text looks on a background with the YUV color 216.4110, -16.9646, -18.7774.

-18.7774.

# 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

216.4110, -16.9646, -18.7774

### Protanopia

221.2410, -22.3038, 13.8206

### Deuteranopia

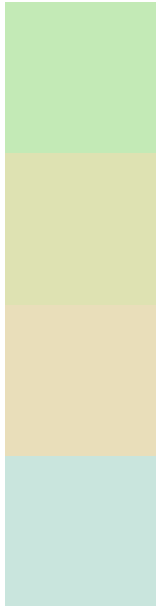
223.8820, -17.6898, 27.2905



## Tritanopia

221.7730, 10.9579, -14.7099

# Trichromacy



## Original Color

216.4110, -16.9646, -18.7774

## Protanomaly

219.3320, -20.3767, 2.3398

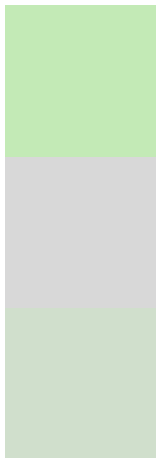
## Deuteranomaly

221.1850, -17.3462, 10.3618

## Tritanomaly

219.7160, 0.6330, -16.4139

# Monochromacy



## Original Color

216.4110, -16.9646, -18.7774

## Achromatopsia

216.0000, 0.0000, 0.0000

## Achromatomaly

216.3490, -6.0881, -7.3221

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.4110, -16.9646, -18.7774 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 182) }
```

## Border

The CSS property to change the border of an element to YUV 216.4110, -16.9646, -18.7774 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, 182) }
```



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

```
.border{ border-color:rgb(195, 234, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 182);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
182) }
```

# Background

The CSS property to change the background color of an element to YUV 216.4110, -16.9646, -18.7774 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, 182) }
```

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

```
.background{ background-color: rgb(195,  
234, 182) }
```

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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