

Converting Colors

YUV(216.9250, -13.2740,
-35.8912)

Have a look what the booklet for
YUV(216.9250, -13.2740, -35.8912)
contains.

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Color

**YUV(216.9250, -13.2740,
-35.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F3BE
RGB	176, 243, 190
RGB Percent	69%, 95%, 75%
CMY	0.3098, 0.0471, 0.2549
CMYK	0.28, 0.00, 0.22, 0.05
HSL	133°, 74%, 82%
HSV	133°, 28%, 95%
XYZ	59.2494, 77.0490, 60.4644
YIQ	216.9250, -22.9190, -30.6870

Conversions

Conversions Part 2

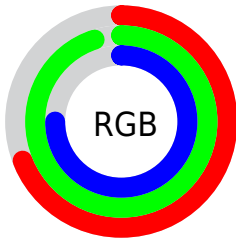
Format	Color
RYB	176, 231, 243
Decimal	11596734
CIELab	90.34, -31.26, 18.96
CIElCh	90, 36.560, 148.759
Yxy	77.0490, 0.3011, 0.3916
Android (android.graphics.Color)	4289786814 (0xFFB0F3BE)
YUV	216.9250, -13.2740, -35.8912
Hunter-Lab	87.7776, -33.1242, 20.6032

Details

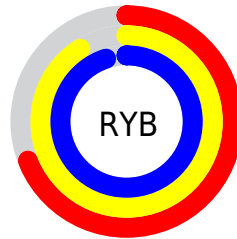
The YUV color $216.9250, -13.2740, -35.8912$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $202.0750, 13.2740, 35.8912$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3960, -0.6882, -12.6253$, and $161.7510, -12.6952, -34.8616$ is the 20% darker color. If you saturate the color by 10%, you get $207.5830, -18.0354, -48.7463$, and if you desaturate by 10%, it is $226.2670, -8.5126, -23.0362$.

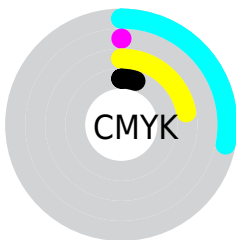
Distribution



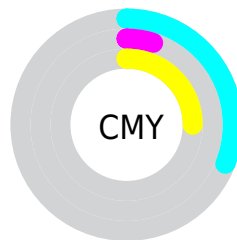
- Red (69%)
- Green (95%)
- Blue (75%)



- Red (69%)
- Yellow (91%)
- Blue (95%)



- Cyan (28%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (31%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9250, -13.2740, -35.8912 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 216.9250, -13.2740, -35.8912 by changing the saturation by 10% instead.

■ 216.9250,
-13.2740, -35.8912

■ 216.9250,
-13.2740, -35.8912

255.0000, 0.0000,
0.0000

■ 188.7510,
-12.6952, -34.8616

■ 247.3960, -0.6882,
-12.6253

■ 161.7510,
-12.6952, -34.8616

■ 134.3920,
-11.5323, -34.5468

■ 108.8050,
-11.2429, -34.0320

■ 83.1470, -9.9325,
-34.3319

■ 57.4670, -8.6112,
-38.1206

■ 36.7990, -8.7749,

-32.2727

■ 21.7190, -10.7075,
-19.0476

■ 1.1740, -0.5788,
-1.0296

■ 216.9250,
-13.2740, -35.8912

■ 216.9250,
-13.2740, -35.8912

■ 207.5830,
-18.0354, -48.7463

■ 226.2670, -8.5126,
-23.0362

■ 197.9420,
-22.6494, -62.2161

■ 235.9080, -3.8986,
-9.5663

■ 188.4860,
-27.8476, -74.9712

■ 245.3640, 1.2995,
3.1888

■ 179.1440,
-32.6090, -87.8263

■ 247.9560, 3.4727,
6.1776

■ 169.8020,
-37.3704, -100.6814

■ 160.1610,
-41.9844, -114.1512

■ 150.7050,
-47.1826, -126.9063

■ 148.4550,
-48.0453, -130.1950

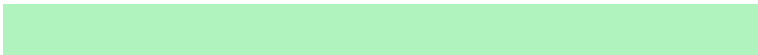
Harmonies

Analogous

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



221.6380, -27.9225, -4.0675



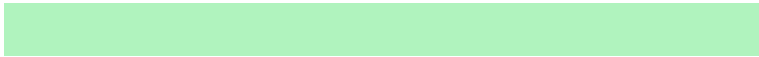
216.9250, -13.2740, -35.8912



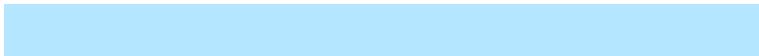
211.9010, 6.4578, -64.8112

Triad

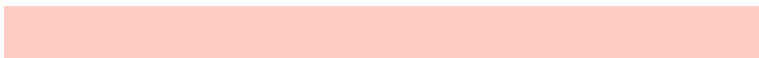
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.9250, -13.2740, -35.8912



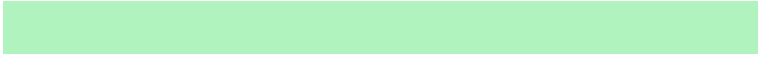
218.4870, 18.0009, -33.7531



218.2230, -11.4489, 32.2534

Complementary

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



216.9250, -13.2740, -35.8912



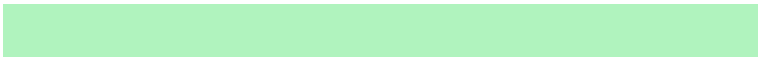
202.0750, 13.2740, 35.8912

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.



221.0390, 4.4178, 29.7838



216.9250, -13.2740, -35.8912



226.3930, 14.1033, 3.1633

Square

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



216.9250, -13.2740, -35.8912



210.3040, 22.0351, -67.7956



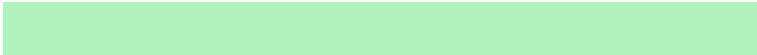
226.8240, 13.8908, 24.7104



220.5420, -25.4102, 30.2197

Rectangle

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



216.9250, -13.2740, -35.8912



209.2550, 19.5943, -78.2766



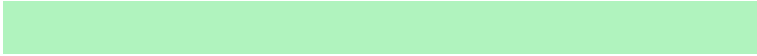
226.8240, 13.8908, 24.7104



218.3030, -6.0654, 32.1833

Sweetspot

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



216.9250, -13.2740, -35.8912



247.1960, -4.0406, -10.6959



231.4750, -27.3492, -1.2936



122.8590, -2.8885, -6.8923



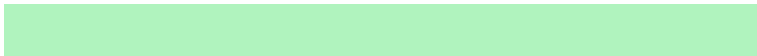
0.0000, 0.0000, 0.0000



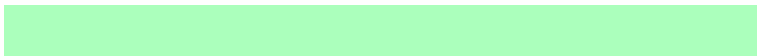
128.0000, 0.0000, 0.0000

Same Dimension

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



216.9250, -13.2740, -35.8912



222.2460, -16.8833, -44.9427



220.6870, 1.1403, -39.1905



117.3860, -2.1623, -6.4775



113.6280, -36.7916, -99.6518



36.0010, -11.8325, -31.5729

Inverse Universe

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



202.0750, 13.2740, 35.8912



203.6400, 16.4465, 45.0427



198.3130, -1.1403, 39.1905



114.7280, 2.5991, 6.3775



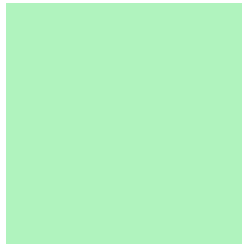
72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 216.9250, -13.2740, -35.8912 looks on a white background.

Color Contrast Check

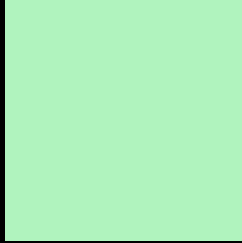
Large Text (above 18pt) WCAG AA × Fail

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 216.9250, -13.2740, -35.8912 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 216.9250, -13.2740, -35.8912 Background



This preview shows how black text looks on a background with the YUV color 216.9250, -13.2740, -35.8912.



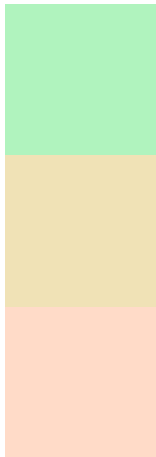
This preview shows how white text looks on a background with the YUV color 216.9250, -13.2740, -35.8912.

-35.8912.

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

216.9250, -13.2740, -35.8912

Protanopia

225.1700, -21.2828, 13.0059

Deuteranopia

227.5980, -13.6058, 24.0316



Tritanopia

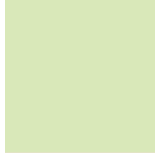
222.4120, 15.0799, -30.1793

Trichromacy



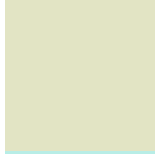
Original Color

216.9250, -13.2740, -35.8912



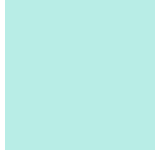
Protanomaly

222.1570, -18.3184, -4.5227



Deuteranomaly

223.7540, -13.6827, 1.9697



Tritanomaly

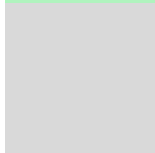
220.3550, 4.7550, -31.8833

Monochromacy



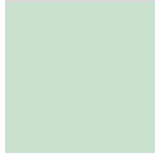
Original Color

216.9250, -13.2740, -35.8912



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.6580, -4.7614, -12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9250, -13.2740, -35.8912 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(176, 243, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 243, 190)  
}
```

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(176, 243, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 243, 190) }
```

Border

The CSS property to change the border of an element to YUV 216.9250, -13.2740, -35.8912 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(176, 243, 190) }
```


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

```
.border{ border-color:rgb(176, 243, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 243, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 243, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 243, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 243,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 216.9250, -13.2740, -35.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 243, 190) }
```

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

```
.background{ background-color: rgb(176,  
243, 190) }
```

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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