

# Converting Colors

YUV(215.5680, -18.5210,  
-32.9471)

Have a look what the booklet for  
YUV(215.5680, -18.5210, -32.9471)  
contains.

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# Color

**YUV(215.5680, -18.5210,  
-32.9471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2F2B2
RGB	178, 242, 178
RGB Percent	70%, 95%, 70%
CMY	0.3020, 0.0510, 0.3020
CMYK	0.26, 0.00, 0.26, 0.05
HSL	120°, 71%, 82%
HSV	120°, 26%, 95%
XYZ	58.1481, 76.1836, 53.7597
YIQ	215.5680, -17.6000, -33.4720

# Conversions

## Conversions Part 2

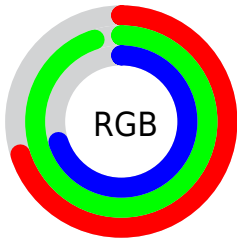
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 242, 242
Decimal	11727538
CIELab	89.94, -32.20, 24.59
CIELCh	90, 40.513, 142.633
Yxy	76.1836, 0.3091, 0.4050
Android (android.graphics.Color)	4289917618 (0xFFB2F2B2)
YUV	215.5680, -18.5210, -32.9471
Hunter-Lab	87.2832, -33.8289, 24.5802

# Details

The YUV color **215.5680, -18.5210, -32.9471** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **204.4320, 18.5210, 32.9471**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6260, -6.2246, -10.1960**, and **160.5080, -17.5054, -32.0175** is the 20% darker color. If you saturate the color by 10%, you get **205.6560, -25.4664, -45.3023**, and if you desaturate by 10%, it is **225.4800, -11.5756, -20.5920**.

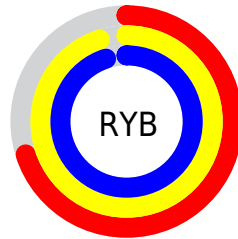
# Distribution



Red (70%)

Green (95%)

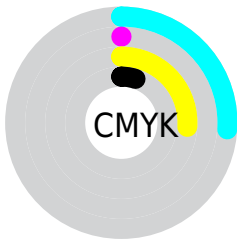
Blue (70%)



Red (70%)

Yellow (95%)

Blue (95%)

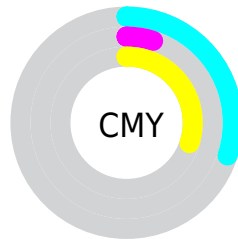


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (5%)



Cyan (30%)

Magenta (5%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.5680, -18.5210, -32.9471 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 215.5680, -18.5210, -32.9471 by changing the saturation by 10% instead.



■ 215.5680,  
-18.5210, -32.9471

■ 215.5680,  
-18.5210, -32.9471

255.0000, 0.0000,  
0.0000

■ 187.3940,  
-17.9422, -31.9175

■ 246.6260, -6.2246,  
-10.1960

■ 160.5080,  
-17.5054, -32.0175

■ 133.1490,  
-16.3425, -31.7027

■ 107.5620,  
-16.0531, -31.1879

■ 81.9040, -14.7427,  
-31.4878

■ 56.6370, -13.1320,  
-34.7616

■ 34.7300, -14.1639,

-30.4582

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 215.5680,  
-18.5210, -32.9471

■ 215.5680,  
-18.5210, -32.9471

■ 205.6560,  
-25.4664, -45.3023

■ 225.4800,  
-11.5756, -20.5920

■ 195.7440,  
-32.4118, -57.6575

■ 235.3920, -4.6303,  
-8.2368

■ 185.4190,  
-39.6466, -70.5275

■ 245.7170, 2.6045,  
4.6332

■ 175.5070,  
-46.5920, -82.8826

■ 247.3690, 3.7621,  
6.6924

■ 165.5950,  
-53.5373, -95.2378

■ 155.6830,  
-60.4827, -107.5930

■ 145.7710,  
-67.4281, -119.9482

■ 142.0540,  
-70.0326, -124.5814

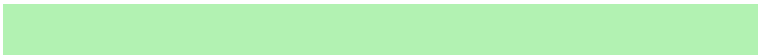
# Harmonies

## Analogous

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



221.0040, -33.0330, 1.7505



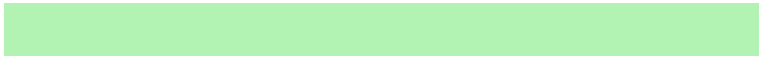
215.5680, -18.5210, -32.9471



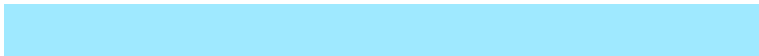
208.9670, 2.9743, -67.5001

# Triad

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



215.5680, -18.5210, -32.9471



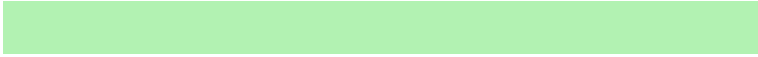
213.3820, 20.5177, -47.6930



215.0430, -8.4022, 35.0423

# Complementary

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



215.5680, -18.5210, -32.9471



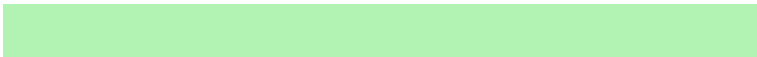
204.4320, 18.5210, 32.9471

# 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.



219.4890, 8.6329, 31.1431



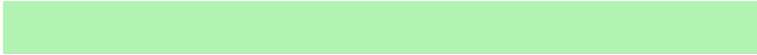
215.5680, -18.5210, -32.9471



223.3920, 15.5827, -4.7288

# Square

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



215.5680, -18.5210, -32.9471



202.8180, 25.7257, -84.9094



226.2370, 14.1802, 25.2252

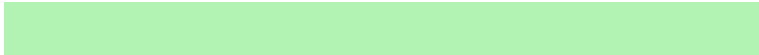


216.6780, -24.9843, 33.6084



# Rectangle

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



215.5680, -18.5210, -32.9471



203.9720, 18.7478, -86.7984



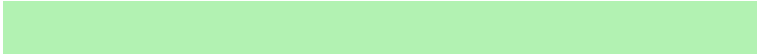
226.2370, 14.1802, 25.2252



215.9380, -2.4344, 34.2574

# Sweetspot

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



215.5680, -18.5210, -32.9471



246.7400, -5.7878, -10.2960



234.7040, -27.9551, 6.3986



122.6310, -3.7621, -6.6924



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

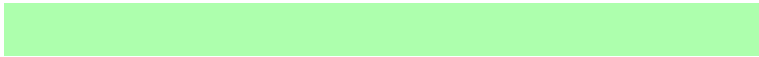


# Same Dimension

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



215.5680, -18.5210, -32.9471



221.1340, -23.7301, -42.2135



219.2160, -4.5435, -36.1464



115.0440, -3.4727, -6.1776



108.0080, -53.2479, -94.7230



32.8720, -16.2059, -28.8287



# Inverse Universe

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



204.4320, 18.5210, 32.9471



206.8660, 23.7301, 42.2135



200.7840, 4.5435, 36.1464



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230

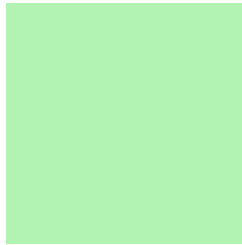


23.1280, 16.2059, 28.8287



# Previews

## White Background



This preview shows how the YUV color 215.5680, -18.5210, -32.9471 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 215.5680, -18.5210, -32.9471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

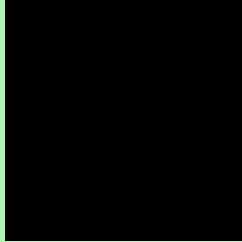
Any Text WCAG AA ✓ Pass

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 215.5680, -18.5210, -32.9471 Background



This preview shows how black text looks on a background with the YUV color 215.5680, -18.5210, -32.9471.



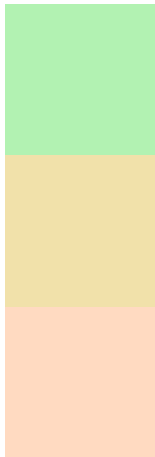
This preview shows how white text looks on a background with the YUV color 215.5680, -18.5210, -32.9471.

-32.9471.

# 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

215.5680, -18.5210, -32.9471

### Protanopia

223.5140, -26.3824, 15.3352

### Deuteranopia

226.2130, -16.3740, 25.2462



## Tritanopia

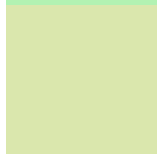
221.9070, 14.3428, -27.1054

# Trichromacy



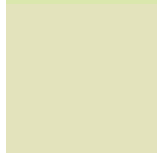
## Original Color

215.5680, -18.5210, -32.9471



## Protanomaly

220.5010, -23.4180, -2.1934



## Deuteranomaly

222.5540, -17.0351, 3.8991



## Tritanomaly

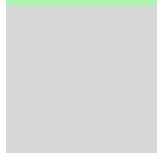
219.6820, 2.1288, -29.5391

# Monochromacy



## Original Color

215.5680, -18.5210, -32.9471



## Achromatopsia

216.0000, 0.0000, 0.0000



## Achromatomaly

215.5010, -6.6560, -11.8404

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.5680, -18.5210, -32.9471 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(178, 242, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 242, 178)  
}
```

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(178, 242, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 242, 178) }
```

## Border

The CSS property to change the border of an element to YUV 215.5680, -18.5210, -32.9471 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(178, 242, 178) }
```



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

```
.border{ border-color:rgb(178, 242, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 242, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 242, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 242, 178);  
box-shadow:4px 4px 4px 4px rgb(178, 242,  
178) }
```

# Background

The CSS property to change the background color of an element to YUV 215.5680, -18.5210, -32.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 242, 178) }
```

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

```
.background{ background-color: rgb(178,  
242, 178) }
```

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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