

# Converting Colors

YUV(211.4860, -4.1836,  
-58.3082)

Have a look what the booklet for  
YUV(211.4860, -4.1836, -58.3082)  
contains.

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# Color

**YUV(211.4860, -4.1836,  
-58.3082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F7CB
RGB	145, 247, 203
RGB Percent	57%, 97%, 80%
CMY	0.4314, 0.0314, 0.2039
CMYK	0.41, 0.00, 0.18, 0.03
HSL	154°, 86%, 77%
HSV	154°, 41%, 97%
XYZ	55.7173, 76.8531, 68.3974
YIQ	211.4860, -46.6680, -35.3080

# Conversions

## Conversions Part 2

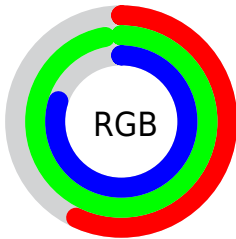
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 210, 247
Decimal	9566155
CIELab	90.25, -39.53, 11.91
CIELCh	90, 41.286, 163.234
Yxy	76.8531, 0.2772, 0.3824
Android (android.graphics.Color)	4287756235 (0xFF91F7CB)
YUV	211.4860, -4.1836, -58.3082
Hunter-Lab	87.6659, -39.9671, 15.1077

# Details

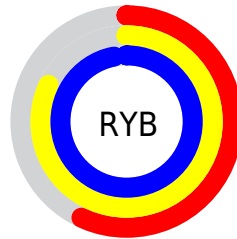
The YUV color **211.4860, -4.1836, -58.3082** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **180.5140, 4.1836, 58.3082**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4520, 7.6652, -31.9684**, and **154.8280, -2.8732, -58.6082** is the 20% darker color. If you saturate the color by 10%, you get **202.7570, -5.3032, -72.5779**, and if you desaturate by 10%, it is **220.2150, -3.0640, -44.0386**.

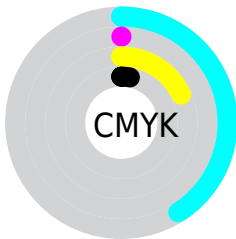
# Distribution



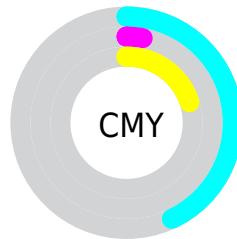
- Red (57%)
- Green (97%)
- Blue (80%)



- Red (57%)
- Yellow (82%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.4860, -4.1836, -58.3082 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 211.4860, -4.1836, -58.3082 by changing the saturation by 10% instead.



 211.4860, -4.1836,  
-58.3082


 211.4860, -4.1836,  
-58.3082

255.0000, 0.0000,  
0.0000

 183.0130, -3.4574,  
-57.8934


 239.4520, 7.6652,  
-31.9684


 154.8280, -2.8732,  
-58.6082

 248.1230, 3.3904,  
-14.1399

 127.3440, -2.1416,  
-59.9377

 97.5820, 0.2061,  
-66.2854

 73.0060, 0.4900,  
-64.0263

 55.7090, -2.3215,  
-48.8568

 39.2270, -4.5489,

-34.4021

■ 24.1640, -8.9549,  
-21.1918

■ 1.1740, -0.5788,  
-1.0296

■ 211.4860, -4.1836,  
-58.3082

■ 211.4860, -4.1836,  
-58.3082

■ 202.7570, -5.3032,  
-72.5779

■ 220.2150, -3.0640,  
-44.0386

■ 194.4410, -6.1334,  
-86.3328

■ 228.5310, -2.2338,  
-30.2837

■ 185.7120, -7.2530,  
-100.6024

■ 237.2600, -1.1142,  
-16.0140

■ 176.9830, -8.3726,  
-114.8721

■ 245.9890, 0.0054,  
-1.7444

■ 168.6670, -9.2028,  
-128.6270

■ 250.3040, 2.3151,  
4.1184

■ 160.9490,  
-10.3279, -141.1523

# Harmonies

## Analogous

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



218.0270, -24.6633, -22.8257



211.4860, -4.1836, -58.3082



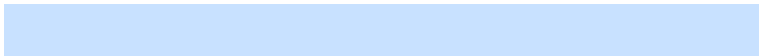
204.1780, 19.6322, -90.4871

# Triad

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



211.4860, -4.1836, -58.3082



220.9450, 16.7891, -18.3688



215.9430, -20.1849, 34.2530

# Complementary

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



211.4860, -4.1836, -58.3082



180.5140, 4.1836, 58.3082

# 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.



215.9380, -2.4344, 34.2574



211.4860, -4.1836, -58.3082



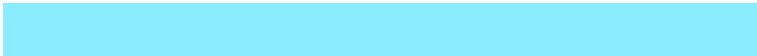
228.8730, 12.8806, 22.0364

# Square

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



211.4860, -4.1836, -58.3082



209.4510, 22.4557, -62.6625



222.2590, 14.1693, 28.7139

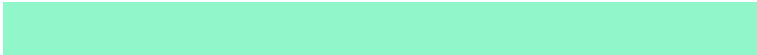


220.9520, -33.9933, 29.8601



# Rectangle

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



211.4860, -4.1836, -58.3082



200.3710, 26.9321, -98.5494



222.2590, 14.1693, 28.7139



215.4360, -14.5119, 34.6976

# Sweetspot

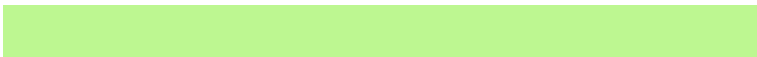
The Sweet Spot groups the original color and five complimentary colors.



211.4860, -4.1836, -58.3082



244.2490, -1.1088, -17.7584



218.0300, -36.0038, -25.4593



121.7060, -0.8411, -10.2662



0.0000, 0.0000, 0.0000

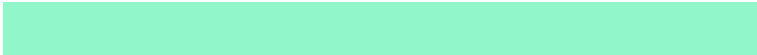


128.0000, 0.0000, 0.0000

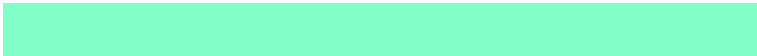


# Same Dimension

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



211.4860, -4.1836, -58.3082



210.7570, -5.3032, -72.5779



212.3930, 17.0613, -59.1037



117.8420, -0.4151, -6.8774



121.2660, -7.5261, -106.3503



38.3950, -2.6597, -33.6724



# Inverse Universe

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



180.5140, 4.1836, 58.3082



172.2430, 5.3032, 72.5779



179.6070, -17.0613, 59.1037



114.1580, 0.4151, 6.8774



64.7340, 7.5261, 106.3503

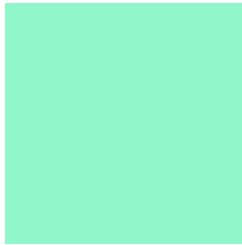


20.4910, 2.2229, 33.7724



# Previews

## White Background



This preview shows how the YUV color 211.4860, -4.1836, -58.3082 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

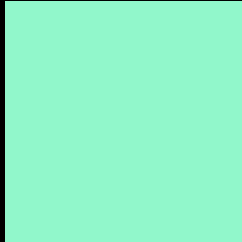
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.4860, -4.1836, -58.3082 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 211.4860, -4.1836, -58.3082 Background



This preview shows how black text looks on a background with the YUV color 211.4860, -4.1836, -58.3082.



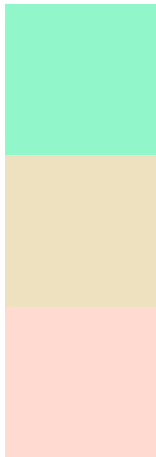
This preview shows how white text looks on a background with the YUV color 211.4860, -4.1836, -58.3082.

-58.3082.

# 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

211.4860, -4.1836, -58.3082

### Protanopia

225.1250, -16.3306, 11.2914

### Deuteranopia

227.7380, -9.2378, 23.0318



## Tritanopia

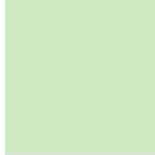
219.0080, 17.7441, -44.7340

# Trichromacy



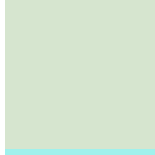
## Original Color

211.4860, -4.1836, -58.3082



## Protanomaly

220.1110, -11.8867, -14.1293



## Deuteranomaly

222.0070, -7.3985, -7.0221



## Tritanomaly

216.2110, 9.7560, -49.2970

# Monochromacy



## Original Color

211.4860, -4.1836, -58.3082



## Achromatopsia

211.0000, 0.0000, 0.0000



## Achromatomaly

211.1130, -1.5347, -21.1471

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.4860, -4.1836, -58.3082 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(145, 247, 203)` looks like.

```
.text, #text, p{  
    color:rgb(145, 247, 203)  
}
```

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(145, 247, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 247, 203) }
```

## Border

The CSS property to change the border of an element to YUV 211.4860, -4.1836, -58.3082 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(145, 247, 203) }
```



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

```
.border{ border-color:rgb(145, 247, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 247, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 247, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 247, 203);  
box-shadow:4px 4px 4px 4px rgb(145, 247,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 211.4860, -4.1836, -58.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 247, 203) }
```

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

```
.background{ background-color: rgb(145,  
247, 203) }
```

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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