

Converting Colors

YUV(211.6650, -2.2998,
-55.8342)

Have a look what the booklet for
YUV(211.6650, -2.2998, -55.8342)
contains.

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Color

**YUV(211.6650, -2.2998,
-55.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	94F5CF
RGB	148, 245, 207
RGB Percent	58%, 96%, 81%
CMY	0.4196, 0.0392, 0.1882
CMYK	0.40, 0.00, 0.16, 0.04
HSL	156°, 83%, 77%
HSV	156°, 40%, 96%
XYZ	56.1276, 76.1057, 70.7631
YIQ	211.6650, -45.6140, -32.3820

Conversions

Conversions Part 2

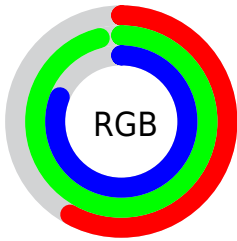
Format	Color
RYB	148, 208, 245
Decimal	9762255
CIELab	89.91, -37.02, 9.36
CIELCh	90, 38.182, 165.807
Yxy	76.1057, 0.2765, 0.3749
Android (android.graphics.Color)	4287952335 (0xFF94F5CF)
YUV	211.6650, -2.2998, -55.8342
Hunter-Lab	87.2386, -37.8240, 12.9742

Details

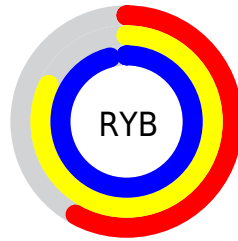
The YUV color **211.6650, -2.2998, -55.8342** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **181.3350, 2.2998, 55.8342**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **155.3060, -1.1369, -55.5194** is the 20% darker color. If you saturate the color by 10%, you get **203.3490, -3.1301, -69.5891**, and if you desaturate by 10%, it is **220.2800, -1.6170, -41.4646**.

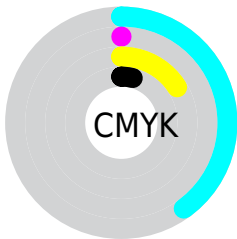
Distribution



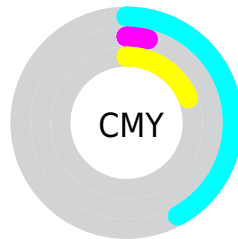
- Red (58%)
- Green (96%)
- Blue (81%)



- Red (58%)
- Yellow (82%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.6650, -2.2998, -55.8342 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 211.6650, -2.2998, -55.8342 by changing the saturation by 10% instead.

 211.6650, -2.2998,
-55.8342

 211.6650, -2.2998,
-55.8342

255.0000, 0.0000,
0.0000

 183.0780, -2.0105,
-55.3194


 240.0500, 7.3704,
-30.7388


 155.3060, -1.1369,
-55.5194

 249.0200, 2.9481,
-12.2955

 127.8220, -0.4052,
-56.8489

 99.2560, 1.3528,
-60.7375

 72.2880, 2.8160,
-63.3966

 54.9910, 0.0044,
-48.2271

 38.3950, -2.6597,

-33.6724

■ 23.6740, -5.7553,
-20.7621

■ 0.0000, 0.0000,
0.0000

■ 211.6650, -2.2998,
-55.8342

■ 211.6650, -2.2998,
-55.8342

■ 203.3490, -3.1301,
-69.5891

■ 220.2800, -1.6170,
-41.4646

■ 194.8480, -3.3761,
-84.0587

■ 228.4820, -1.2236,
-27.6097

■ 186.2330, -4.0589,
-98.4283

■ 237.0970, -0.5408,
-13.2401

■ 178.0310, -4.4523,
-112.2832

■ 245.2990, -0.1474,
0.6148

■ 169.4160, -5.1351,
-126.6528

■ 249.1300, 2.8939,
5.1480

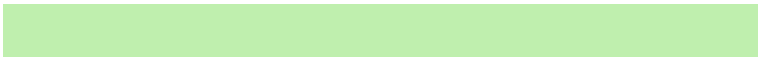
■ 161.1000, -5.9653,
-140.4077

■ 160.8010, -5.8179,
-141.0225

Harmonies

Analogous

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



217.2380, -21.3163, -23.0107



211.6650, -2.2998, -55.8342



206.1190, 19.1683, -81.6654

Triad

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



211.6650, -2.2998, -55.8342



221.8640, 16.3360, -13.0357



217.1170, -20.7637, 33.2234

Complementary

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



211.6650, -2.2998, -55.8342



181.3350, 2.2998, 55.8342

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.



216.7700, -4.3236, 33.5277



211.6650, -2.2998, -55.8342



228.5850, 13.0226, 23.1660

Square

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



211.6650, -2.2998, -55.8342



212.4630, 20.9707, -53.0261



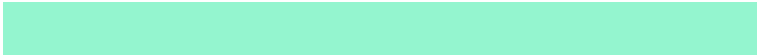
222.1620, 11.2591, 28.7989



221.9950, -32.5355, 28.9454

Rectangle

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



211.6650, -2.2998, -55.8342



203.9920, 25.1469, -85.9390



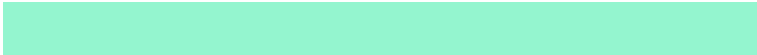
222.1620, 11.2591, 28.7989



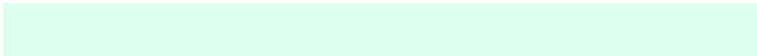
216.4960, -15.5275, 33.7680

Sweetspot

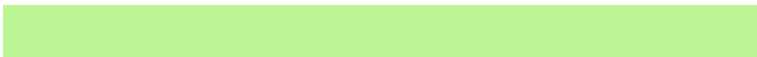
The Sweet Spot groups the original color and five complimentary colors.



211.6650, -2.2998, -55.8342



244.3630, -0.6720, -17.8584



216.6000, -33.8198, -25.9592



121.8200, -0.4043, -10.3661



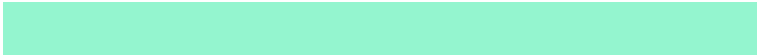
0.0000, 0.0000, 0.0000



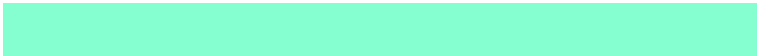
128.0000, 0.0000, 0.0000

Same Dimension

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



211.6650, -2.2998, -55.8342



213.0500, -2.9827, -70.2039



210.1270, 17.1924, -54.4854



117.9560, 0.0217, -6.9774



122.0640, -4.4686, -107.0501



38.7370, -1.3493, -33.9723

Inverse Universe

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



181.3350, 2.2998, 55.8342



174.9500, 2.9827, 70.2039



182.8730, -17.1924, 54.4854



114.1580, 0.4151, 6.8774



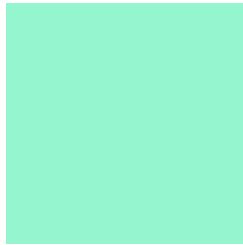
63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 211.6650, -2.2998, -55.8342 looks on a white background.

Color Contrast Check

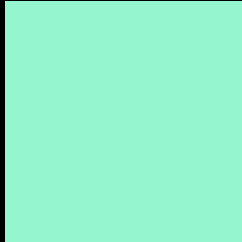
Large Text (above 18pt) WCAG AA × Fail

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 211.6650, -2.2998, -55.8342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

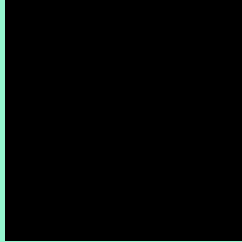
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.6650, -2.2998, -55.8342

Background



This preview shows how black text looks on a background with the YUV color 211.6650, -2.2998, -55.8342.



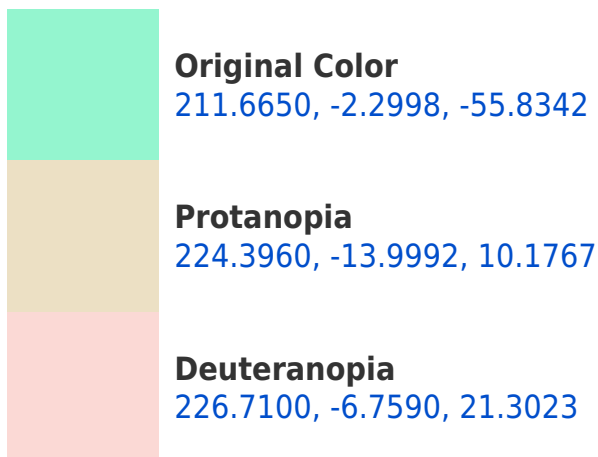
This preview shows how white text looks on a background with the YUV color 211.6650, -2.2998, -55.8342.

-55.8342.

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





Tritanopia

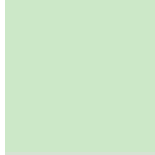
217.8230, 18.3283, -45.4488

Trichromacy



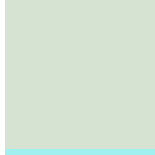
Original Color

211.6650, -2.2998, -55.8342



Protanomaly

219.9800, -9.8501, -14.0145



Deuteranomaly

221.2890, -5.0725, -6.3925



Tritanomaly

215.5530, 11.0664, -49.5970

Monochromacy



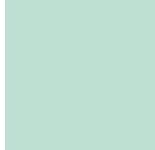
Original Color

211.6650, -2.2998, -55.8342



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

211.9390, -0.9559, -20.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6650, -2.2998, -55.8342 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(148, 245, 207)` looks like.

```
.text, #text, p{  
    color:rgb(148, 245, 207)  
}
```

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(148, 245, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 245, 207) }
```

Border

The CSS property to change the border of an element to YUV 211.6650, -2.2998, -55.8342 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(148, 245, 207) }
```


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

```
.border{ border-color:rgb(148, 245, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 245, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 245, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 245, 207);  
box-shadow:4px 4px 4px 4px rgb(148, 245,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 211.6650, -2.2998, -55.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 245, 207) }
```

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

```
.background{ background-color: rgb(148,  
245, 207) }
```

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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