

Converting Colors

YUV(211.6670, -8.7098,
-53.2050)

Have a look what the booklet for
YUV(211.6670, -8.7098, -53.2050)
contains.

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Color

**YUV(211.6670, -8.7098,
-53.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	97F6C2
RGB	151, 246, 194
RGB Percent	59%, 96%, 76%
CMY	0.4078, 0.0353, 0.2392
CMYK	0.39, 0.00, 0.21, 0.04
HSL	147°, 84%, 78%
HSV	147°, 39%, 96%
XYZ	55.4559, 76.3859, 62.8601
YIQ	211.6670, -39.9280, -36.3120

Conversions

Conversions Part 2

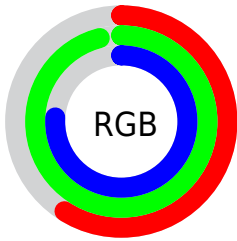
Format	Color
RYB	151, 216, 246
Decimal	9959106
CIELab	90.04, -39.26, 16.29
CIELCh	90, 42.503, 157.462
Yxy	76.3859, 0.2848, 0.3923
Android (android.graphics.Color)	4288149186 (0xFF97F6C2)
YUV	211.6670, -8.7098, -53.2050
Hunter-Lab	87.3990, -39.6876, 18.5361

Details

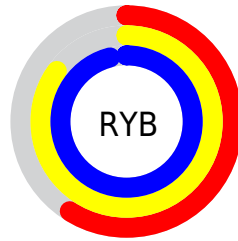
The YUV color **211.6670, -8.7098, -53.2050** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **185.3330, 8.7098, 53.2050**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4910, 5.1809, -28.4946**, and **155.3080, -7.5468, -52.8901** is the 20% darker color. If you saturate the color by 10%, you get **202.7100, -10.7030, -67.2747**, and if you desaturate by 10%, it is **220.6240, -6.7166, -39.1352**.

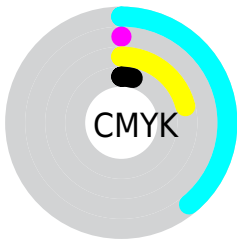
Distribution



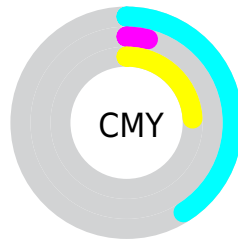
- Red (59%)
- Green (96%)
- Blue (76%)



- Red (59%)
- Yellow (85%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 211.6670, -8.7098, -53.2050 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 211.6670, -8.7098, -53.2050 by changing the saturation by 10% instead.

 211.6670, -8.7098,
-53.2050


 211.6670, -8.7098,
-53.2050

255.0000, 0.0000,
0.0000


 183.1940, -7.9836,
-52.7901


 240.4910, 5.1809,
-28.4946


 155.3080, -7.5468,
-52.8901

 249.6180, 2.6533,
-11.0660

 128.2370, -6.5258,
-53.7048

 100.2690, -5.0626,
-56.3639

 71.5070, -2.7150,
-62.7116

 54.3240, -5.0897,
-47.6421

 37.8420, -7.3171,

-33.1874

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 211.6670, -8.7098,
-53.2050

■ 211.6670, -8.7098,
-53.2050

■ 202.7100,
-10.7030, -67.2747

■ 220.6240, -6.7166,
-39.1352

■ 193.9380,
-13.2804, -80.6296

■ 229.3960, -4.1392,
-25.7803

■ 184.9810,
-15.2736, -94.6993

■ 238.3530, -2.1460,
-11.7106

■ 176.2090,
-17.8510, -108.0543

■ 247.1250, 0.4314,
1.6444

■ 167.2520,
-19.8442, -122.1240

■ 249.7170, 2.6045,
4.6332

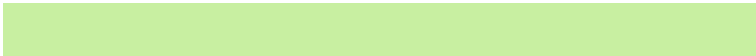
■ 158.1810,
-22.2742, -136.0937

■ 157.0560,
-22.7056, -137.7381

Harmonies

Analogous

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



218.4470, -28.3214, -16.1780



211.6670, -8.7098, -53.2050



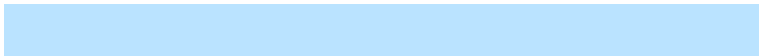
203.5650, 15.9905, -89.0725

Triad

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



211.6670, -8.7098, -53.2050



217.9330, 18.2740, -28.0052



214.6380, -17.5695, 35.3975

Complementary

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



211.6670, -8.7098, -53.2050



185.3330, 8.7098, 53.2050

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.



215.5620, 1.2019, 34.5871



211.6670, -8.7098, -53.2050



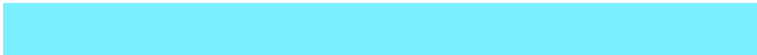
226.7690, 13.9179, 15.9886

Square

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



211.6670, -8.7098, -53.2050



205.5420, 24.3828, -74.1433



222.7150, 15.9165, 28.3139



218.6040, -32.8358, 31.9193

Rectangle

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



211.6670, -8.7098, -53.2050



198.5660, 27.8220, -103.9824



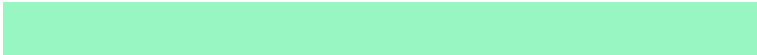
222.7150, 15.9165, 28.3139



214.2450, -11.4598, 35.7421

Sweetspot

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



211.6670, -8.7098, -53.2050



243.7930, -2.8559, -17.3585



222.3130, -35.1573, -16.9375



121.4780, -1.7147, -10.0662



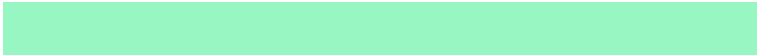
0.0000, 0.0000, 0.0000



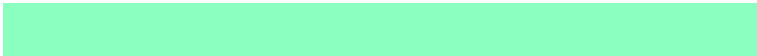
128.0000, 0.0000, 0.0000

Same Dimension

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



211.6670, -8.7098, -53.2050



212.7210, -10.7085, -65.5303



217.0250, 11.8197, -57.9039



117.7280, -0.8519, -6.7775



118.7580, -17.1357, -104.1508



37.7110, -5.2805, -33.0725

Inverse Universe

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



185.3330, 8.7098, 53.2050



180.2790, 10.7085, 65.5303



179.9750, -11.8197, 57.9039



114.3860, 1.2887, 6.6775



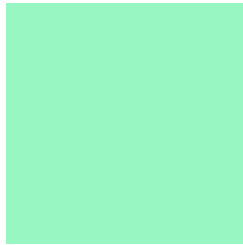
67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 211.6670, -8.7098, -53.2050 looks on a white background.

Color Contrast Check

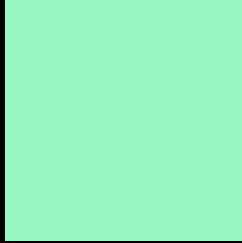
Large Text (above 18pt) WCAG AA × Fail

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 211.6670, -8.7098, -53.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

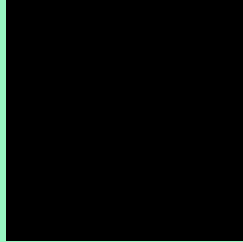
Any Text WCAG AA ✓ Pass

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 211.6670, -8.7098, -53.2050 Background



This preview shows how black text looks on a background with the YUV color 211.6670, -8.7098, -53.2050.



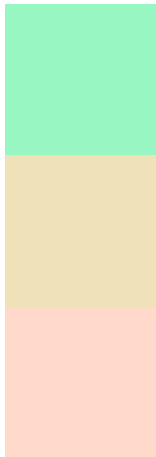
This preview shows how white text looks on a background with the YUV color 211.6670, -8.7098, -53.2050.

-53.2050.

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

211.6670, -8.7098, -53.2050

Protanopia

224.5120, -19.9724, 12.7060

Deuteranopia

226.5380, -12.5902, 24.9612



Tritanopia

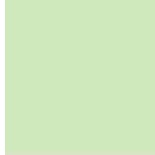
218.7200, 17.8860, -43.6044

Trichromacy



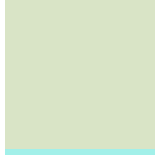
Original Color

211.6670, -8.7098, -53.2050



Protanomaly

220.0960, -15.8233, -11.4852



Deuteranomaly

221.2910, -11.4825, -3.7632



Tritanomaly

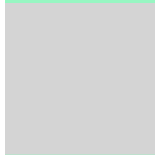
215.8800, 8.4402, -47.2528

Monochromacy



Original Color

211.6670, -8.7098, -53.2050



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

211.6680, -3.2873, -19.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6670, -8.7098, -53.2050 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(151, 246, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 246, 194)  
}
```

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(151, 246, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 246, 194) }
```

Border

The CSS property to change the border of an element to YUV 211.6670, -8.7098, -53.2050 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(151, 246, 194) }
```


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

```
.border{ border-color:rgb(151, 246, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 246, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 246, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 246, 194); box-shadow:4px 4px 4px 4px rgb(151, 246, 194) }
```

Background

The CSS property to change the background color of an element to YUV 211.6670, -8.7098, -53.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 246, 194) }
```

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

```
.background{ background-color: rgb(151,  
246, 194) }
```

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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