

Converting Colors

YUV(208.2670, 1.3474,
-58.9932)

Have a look what the booklet for
YUV(208.2670, 1.3474, -58.9932)
contains.

YUV(208.2670, 1.3474, -58.9932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(208.2670, 1.3474,
-58.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF2D3
RGB	141, 242, 211
RGB Percent	55%, 95%, 83%
CMY	0.4471, 0.0510, 0.1725
CMYK	0.42, 0.00, 0.13, 0.05
HSL	162°, 80%, 75%
HSV	162°, 42%, 95%
XYZ	54.4945, 73.8701, 73.0142
YIQ	208.2670, -50.2450, -31.0530

Conversions

Conversions Part 2

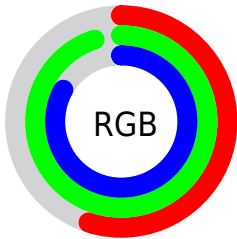
Format	Color
RYB	141, 201, 242
Decimal	9302739
CIELab	88.86, -36.61, 5.74
CIElCh	89, 37.058, 171.092
Yxy	73.8701, 0.2706, 0.3668
Android (android.graphics.Color)	4287492819 (0xFF8DF2D3)
YUV	208.2670, 1.3474, -58.9932
Hunter-Lab	85.9477, -37.2320, 9.7954

Details

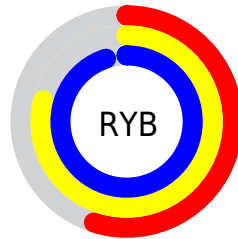
The YUV color **208.2670, 1.3474, -58.9932** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **174.7330, -1.3474, 58.9932**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **151.6090, 2.6578, -59.2931** is the 20% darker color. If you saturate the color by 10%, you get **200.2930, 1.8276, -73.0480**, and if you desaturate by 10%, it is **216.2410, 0.8672, -44.9384**.

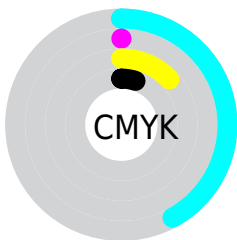
Distribution



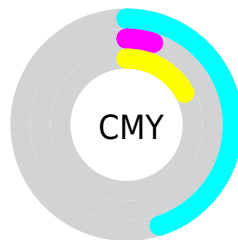
- Red (55%)
- Green (95%)
- Blue (83%)



- Red (55%)
- Yellow (79%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.2670, 1.3474, -58.9932 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 208.2670, 1.3474, -58.9932 by changing the saturation by 10% instead.


 208.2670, 1.3474,
-58.9932

 208.2670, 1.3474,
-58.9932

255.0000, 0.0000,
0.0000

 179.6800, 1.6368,
-58.4784


 238.2560, 8.2548,
-34.4275

 151.6090, 2.6578,
-59.2931

 246.9270, 3.9800,
-16.5990

 123.7120, 3.1000,
-61.1374

 93.0420, 5.8953,
-71.0738

 71.4560, 4.7052,
-62.6669

 54.1590, 1.8936,
-47.4974

 37.6770, -0.3338,

-33.0427

■ 23.5430, -3.7187,
-20.6472

■ 0.0000, 0.0000,
0.0000

■ 208.2670, 1.3474,
-58.9932

■ 208.2670, 1.3474,
-58.9932

■ 200.2930, 1.8276,
-73.0480

■ 216.2410, 0.8672,
-44.9384

■ 192.2050, 1.8709,
-87.0028

■ 224.3290, 0.8238,
-30.9835

■ 183.9320, 2.4985,
-101.6724

■ 232.6020, 0.1962,
-16.3140

■ 175.8440, 2.5419,
-115.6272

■ 240.6900, 0.1528,
-2.3591

■ 167.8700, 3.0221,
-129.6820

■ 246.5710, 0.7045,
7.3922

■ 161.2060, 3.3494,
-141.3777

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



213.8290, -17.6637, -27.9140



208.2670, 1.3474, -58.9932



203.4010, 21.4943, -81.0357

Triad

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



208.2670, 1.3474, -58.9932



221.0220, 16.7512, -6.1583



216.5470, -22.9477, 33.7233

Complementary

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



208.2670, 1.3474, -58.9932



174.7330, -1.3474, 58.9932

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.



215.1570, -7.9654, 34.9423



208.2670, 1.3474, -58.9932



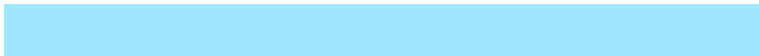
226.2370, 14.1802, 25.2252

Square

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



208.2670, 1.3474, -58.9932



212.2190, 21.0910, -44.9191



219.2610, 7.7593, 31.3431



221.1800, -33.1197, 29.6601

Rectangle

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



208.2670, 1.3474, -58.9932



203.1390, 25.5675, -80.8059



219.2610, 7.7593, 31.3431



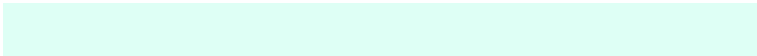
215.1110, -18.2957, 34.9827

Sweetspot

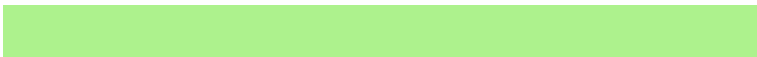
The Sweet Spot groups the original color and five complimentary colors.



208.2670, 1.3474, -58.9932



243.9930, 0.4965, -19.2879



209.8550, -33.9455, -32.3218



120.9230, 0.0380, -12.2105



0.0000, 0.0000, 0.0000



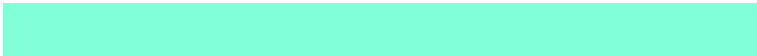
128.0000, 0.0000, 0.0000

Same Dimension

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



208.2670, 1.3474, -58.9932



212.5810, 1.6856, -74.1775



200.6480, 20.3865, -52.3113



115.9560, 0.0217, -6.9774



122.4860, 2.2254, -107.4202



37.3180, 0.8292, -32.7279

Inverse Universe

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



174.7330, -1.3474, 58.9932



170.4190, -1.6856, 74.1775



182.3520, -20.3865, 52.3113



112.0440, -0.0217, 6.9774



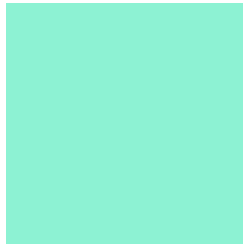
61.4000, -2.6622, 107.5202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 208.2670, 1.3474, -58.9932 looks on a white background.

Color Contrast Check

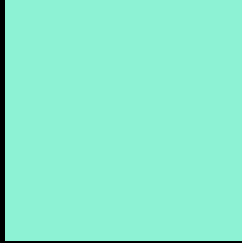
Large Text (above 18pt) WCAG AA × Fail

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 208.2670, 1.3474, -58.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

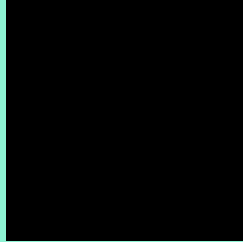
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.2670, 1.3474, -58.9932

Background



This preview shows how black text looks on a background with the YUV color 208.2670, 1.3474, -58.9932.



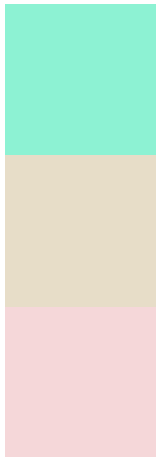
This preview shows how white text looks on a background with the YUV color 208.2670, 1.3474, -58.9932.

-58.9932.

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

208.2670, 1.3474, -58.9932

Protanopia

221.5960, -10.6468, 8.2473

Deuteranopia

224.1980, -3.5486, 18.2434



Tritanopia

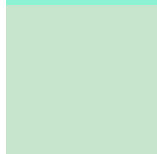
213.0500, 20.6814, -53.5408

Trichromacy



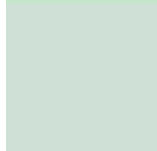
Original Color

208.2670, 1.3474, -58.9932



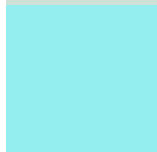
Protanomaly

216.8810, -6.3503, -16.5586



Deuteranomaly

218.4780, -1.7147, -10.0662



Tritanomaly

211.2040, 13.7034, -55.4299

Monochromacy



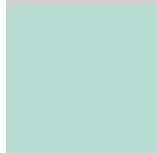
Original Color

208.2670, 1.3474, -58.9932



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

207.9820, 0.5019, -21.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.2670, 1.3474, -58.9932 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(141, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(141, 242, 211)  
}
```

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(141, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 242, 211) }
```

Border

The CSS property to change the border of an element to YUV 208.2670, 1.3474, -58.9932 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(141, 242, 211) }
```


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

```
.border{ border-color:rgb(141, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(141, 242,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 208.2670, 1.3474, -58.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 242, 211) }
```

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

```
.background{ background-color: rgb(141,  
242, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor