

Converting Colors

YUV(189.0990, 5.8672,
-108.8348)

Have a look what the booklet for
YUV(189.0990, 5.8672, -108.8348)
contains.

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Color

**YUV(189.0990, 5.8672,
-108.8348)**

Conversions

Conversions Part 1

Format	Color
Hex	41FAC9
RGB	65, 250, 201
RGB Percent	25%, 98%, 79%
CMY	0.7451, 0.0196, 0.2118
CMYK	0.74, 0.00, 0.20, 0.02
HSL	164°, 95%, 62%
HSV	164°, 74%, 98%
XYZ	46.9082, 73.7121, 67.0139
YIQ	189.0990, -94.5310, -54.4590

Conversions

Conversions Part 2

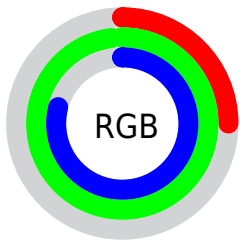
Format	Color
RYB	65, 172, 250
Decimal	4324041
CIELab	88.79, -56.53, 10.54
CIElCh	89, 57.509, 169.437
Yxy	73.7121, 0.2500, 0.3929
Android (android.graphics.Color)	4282514121 (0xFF41FAC9)
YUV	189.0990, 5.8672, -108.8348
Hunter-Lab	85.8557, -52.7222, 13.8208

Details

The YUV color **189.0990, 5.8672, -108.8348** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **125.9010, -5.8672, 108.8348**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **129.4620, 8.6462, -113.5382** is the 20% darker color. If you saturate the color by 10%, you get **180.8260, 6.4948, -123.5044**, and if you desaturate by 10%, it is **197.3720, 5.2396, -94.1652**.

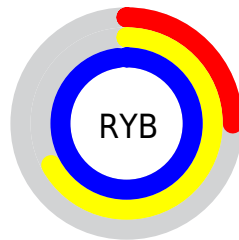
Distribution



Red (25%)

Green (98%)

Blue (79%)



Red (25%)

Yellow (67%)

Blue (98%)

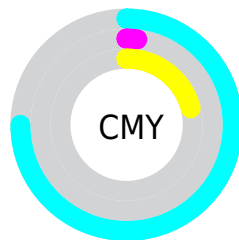


Cyan (74%)

Magenta (0%)

Yellow (20%)

Black (2%)



Cyan (75%)

Magenta (2%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0990, 5.8672, -108.8348 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 189.0990, 5.8672, -108.8348 by changing the saturation by 10% instead.

189.0990, 5.8672,
-108.8348

189.0990, 5.8672,
-108.8348

255.0000, 0.0000,
0.0000

149.5630, 12.0474,
-131.1668

220.0170, 17.2466,
-71.9289

129.4620, 8.6462,
-113.5382

229.5850, 12.5296,
-52.2560

110.0620, 5.3924,
-96.5244

239.1530, 7.8126,
-32.5832

91.3630, 2.2860,
-80.1254

248.4220, 3.2430,
-13.5251

73.4790, -0.2361,
-64.4411

55.5950, -2.7583,
-48.7568

38.5260, -4.6963,

-33.7873

■ 22.2890, -8.5235,
-19.5475

■ 0.0000, 0.0000,
0.0000

■ 189.0990, 5.8672,
-108.8348

■ 189.0990, 5.8672,
-108.8348

■ 180.8260, 6.4948,
-123.5044

■ 197.3720, 5.2396,
-94.1652


■ 172.6670, 7.5592,
-138.2740

■ 205.5310, 4.1752,
-79.3957

■ 167.7260, 8.0231,
-147.0957


■ 213.8040, 3.5476,
-64.7261


■ 221.9630, 2.4832,
-49.9566

 230.2360, 1.8557,
-35.2870

 238.5090, 1.2281,
-20.6174

 246.6680, 0.1637,
-5.8478

 251.9510, 1.0102,
2.6740

 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



206.8690, -28.5294, -42.8581



189.0990, 5.8672, -108.8348



176.4070, 38.7463, -154.7089

Triad

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



189.0990, 5.8672, -108.8348



214.7650, 19.8359, -15.5799



205.7240, -31.4159, 43.2151

Complementary

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



189.0990, 5.8672, -108.8348



125.9010, -5.8672, 108.8348

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.



202.8640, -6.8350, 45.7233



189.0990, 5.8672, -108.8348



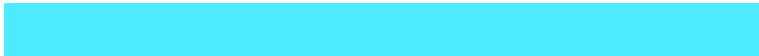
219.7800, 17.3635, 30.8879

Square

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



189.0990, 5.8672, -108.8348



189.7500, 32.1683, -98.0048



209.8350, 17.3363, 39.6097



214.1580, -49.8709, 35.8184

Rectangle

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



189.0990, 5.8672, -108.8348



174.6460, 39.6145, -153.1645



209.8350, 17.3363, 39.6097



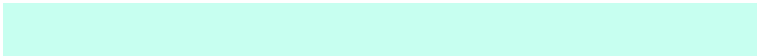
204.3850, -23.8538, 44.3894

Sweetspot

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



189.0990, 5.8672, -108.8348



236.5460, 1.7028, -32.9278



188.2460, -60.7603, -65.1137



116.8080, 1.0807, -20.0026



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.



189.0990, 5.8672, -108.8348



180.2870, 7.2535, -133.5557



169.4440, 39.7141, -91.5974



120.7710, 0.6059, -7.6922



126.7890, 6.0200, -111.1940



40.9370, 2.0031, -35.9017

Inverse Universe

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



125.9010, -5.8672, 108.8348



102.7130, -7.2535, 133.5557



145.5560, -39.7141, 91.5974



116.3430, -0.1691, 7.5922



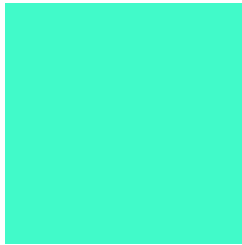
62.2110, -6.0200, 111.1940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 189.0990, 5.8672, -108.8348 looks on a white background.

Color Contrast Check

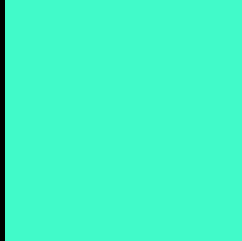
Large Text (above 18pt) WCAG AA × Fail

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 189.0990, 5.8672, -108.8348 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 189.0990, 5.8672, -108.8348 Background



This preview shows how black text looks on a background with the YUV color 189.0990, 5.8672, -108.8348.



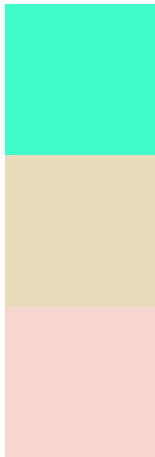
This preview shows how white text looks on a background with the YUV color 189.0990, 5.8672, -108.8348.

-108.8348.

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

189.0990, 5.8672, -108.8348

Protanopia

220.0110, -16.7674, 11.3914

Deuteranopia

222.7100, -6.7590, 21.3023



Tritanopia

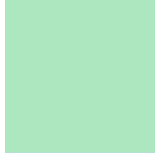
207.3470, 23.4929, -68.7103

Trichromacy



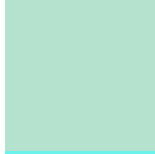
Original Color

189.0990, 5.8672, -108.8348



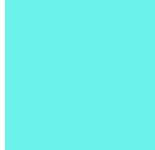
Protanomaly

208.7990, -8.7749, -32.2727



Deuteranomaly

210.2650, -2.1026, -25.6654



Tritanomaly

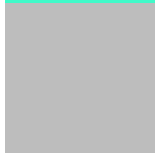
200.5380, 16.9898, -82.9098

Monochromacy



Original Color

189.0990, 5.8672, -108.8348



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9150, 2.0139, -39.3905

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0990, 5.8672, -108.8348 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(65, 250, 201)` looks like.

```
.text, #text, p{  
    color:rgb(65, 250, 201)  
}
```

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(65, 250, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 250, 201) }
```

Border

The CSS property to change the border of an element to YUV 189.0990, 5.8672, -108.8348 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(65, 250, 201) }
```


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

```
.border{ border-color:rgb(65, 250, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 250, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 250, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 250, 201);  
box-shadow:4px 4px 4px 4px rgb(65, 250,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 189.0990, 5.8672, -108.8348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 250, 201) }
```

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

```
.background{ background-color: rgb(65, 250,  
201) }
```

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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