

Converting Colors

YUV(208.1390, 5.3545,
-84.3139)

Have a look what the booklet for
YUV(208.1390, 5.3545, -84.3139)
contains.

YUV(208.1390, 5.3545, -84.3139)	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(208.1390, 5.3545,
-84.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	70FFDB
RGB	112, 255, 219
RGB Percent	44%, 100%, 86%
CMY	0.5608, 0.0000, 0.1412
CMYK	0.56, 0.00, 0.14, 0.00
HSL	165°, 100%, 72%
HSV	165°, 56%, 100%
XYZ	55.2283, 80.0792, 79.5638
YIQ	208.1390, -73.6720, -41.5120

Conversions

Conversions Part 2

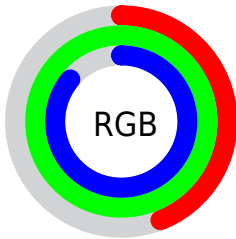
Format	Color
RYB	112, 194, 255
Decimal	7405531
CIELab	91.72, -47.08, 5.58
CIELCh	92, 47.410, 173.237
Yxy	80.0792, 0.2570, 0.3727
Android (android.graphics.Color)	4285595611 (0xFF70FFDB)
YUV	208.1390, 5.3545, -84.3139
Hunter-Lab	89.4870, -46.4382, 9.9255

Details

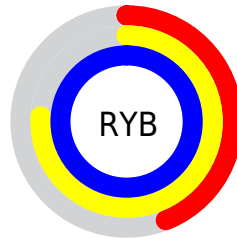
The YUV color **208.1390, 5.3545, -84.3139** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **158.8610, -5.3545, 84.3139**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7810, 11.9400, -49.7969**, and **145.6970, 9.0234, -94.4503** is the 20% darker color. If you saturate the color by 10%, you get **199.9800, 6.4189, -99.0835**, and if you desaturate by 10%, it is **216.5970, 4.1427, -68.9296**.

Distribution



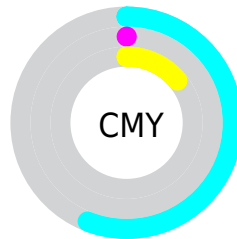
- Red (44%)
- Green (100%)
- Blue (86%)



- Red (44%)
- Yellow (76%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.1390, 5.3545, -84.3139 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 208.1390, 5.3545, -84.3139 by changing the saturation by 10% instead.

 208.1390, 5.3545,
-84.3139


 208.1390, 5.3545,
-84.3139

255.0000, 0.0000,
0.0000


 178.0570, 6.3809,
-86.8730


 230.7810, 11.9400,
-49.7969


 145.6970, 9.0234,
-94.4503

 239.7510, 7.5178,
-31.3536

 115.5220, 11.0817,
-101.3128

 249.0200, 2.9481,
-12.2955

 96.7090, 7.5385,
-84.8138

 78.1240, 4.8689,
-68.5147

 60.8270, 2.0573,
-53.3453

 43.6440, -0.3175,

-38.2758

■ 28.3360, -3.1236,
-24.8507

■ 7.0440, -3.4727,
-6.1776

■ 208.1390, 5.3545,
-84.3139

■ 208.1390, 5.3545,
-84.3139

■ 199.9800, 6.4189,
-99.0835

■ 216.5970, 4.1427,
-68.9296

■ 191.4080, 7.1939,
-114.3678

■ 224.8700, 3.5151,
-54.2600

■ 182.9500, 8.4056,
-129.7522

■ 233.3280, 2.3033,
-38.8757

■ 174.6770, 9.0332,
-144.4217

■ 241.6010, 1.6757,
-24.2061

■ 171.4590, 9.6337,
-150.3695

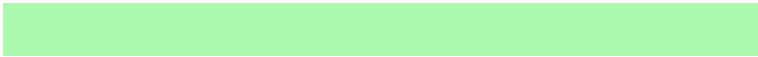
■ 250.0590, 0.4639,
-8.8217

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



218.1280, -21.2621, -40.4543



208.1390, 5.3545, -84.3139



191.6120, 31.2503, -130.3327

Triad

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



208.1390, 5.3545, -84.3139



226.3490, 14.1249, -3.8141



217.1680, -28.1838, 33.1787

Complementary

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



208.1390, 5.3545, -84.3139



158.8610, -5.3545, 84.3139

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.



215.0430, -8.4022, 35.0423



208.1390, 5.3545, -84.3139



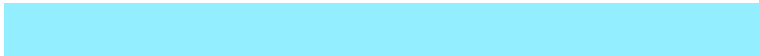
226.8240, 13.8908, 24.7104

Square

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



208.1390, 5.3545, -84.3139



213.3160, 20.5502, -58.1591



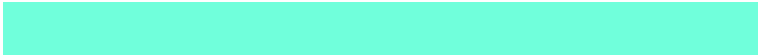
219.7000, 11.9799, 30.9581



224.2800, -41.5500, 26.9414

Rectangle

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



208.1390, 5.3545, -84.3139



188.6550, 32.7081, -131.2474



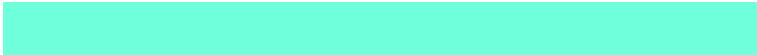
219.7000, 11.9799, 30.9581



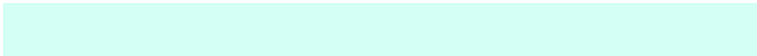
216.0740, -22.2215, 34.1381

Sweetspot

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



208.1390, 5.3545, -84.3139



240.8890, 1.5337, -25.3357



207.3030, -46.9844, -50.2547



119.4280, 0.7750, -15.2844



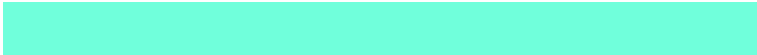
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



208.1390, 5.3545, -84.3139



198.9690, 6.4243, -100.8278



192.8720, 30.6291, -70.9247



123.6570, 0.1691, -7.5922



128.4190, 7.1884, -112.6235



43.0400, 2.4453, -37.7461

Inverse Universe

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



158.8610, -5.3545, 84.3139



140.0310, -6.4243, 100.8278



174.1280, -30.6291, 70.9247



119.2290, -0.6059, 7.6922



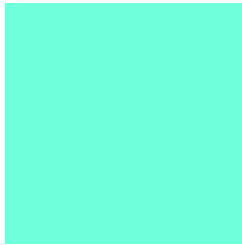
62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 208.1390, 5.3545, -84.3139 looks on a white background.

Color Contrast Check

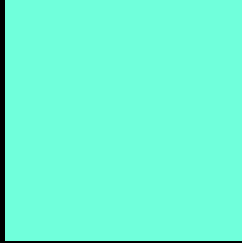
Large Text (above 18pt) WCAG AA × Fail

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 208.1390, 5.3545, -84.3139 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 208.1390, 5.3545, -84.3139

Background



This preview shows how black text looks on a background with the YUV color 208.1390, 5.3545, -84.3139.



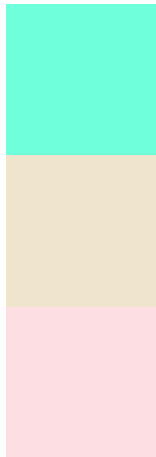
This preview shows how white text looks on a background with the YUV color 208.1390, 5.3545,

-84.3139.

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

208.1390, 5.3545, -84.3139

Protanopia

229.2540, -11.9572, 8.5472

Deuteranopia

231.7250, -2.8224, 18.6582



Tritanopia

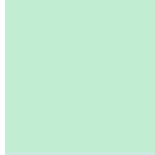
223.1500, 15.7021, -43.1045

Trichromacy



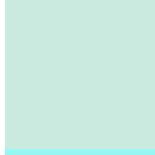
Original Color

208.1390, 5.3545, -84.3139



Protanomaly

221.3530, -5.5970, -24.8656



Deuteranomaly

223.1780, -0.0878, -18.5731



Tritanomaly

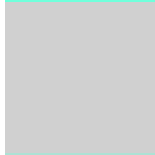
217.7260, 11.9671, -58.5187

Monochromacy



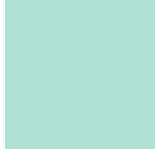
Original Color

208.1390, 5.3545, -84.3139



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

207.9700, 1.9868, -30.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1390, 5.3545, -84.3139 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(112, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 219)  
}
```

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(112, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 219) }
```

Border

The CSS property to change the border of an element to YUV 208.1390, 5.3545, -84.3139 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(112, 255, 219) }
```


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

```
.border{ border-color:rgb(112, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 208.1390, 5.3545, -84.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 219) }
```

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

```
.background{ background-color: rgb(112,  
255, 219) }
```

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