

# Converting Colors

YUV(192.0840, 5.3816,  
-93.0357)

Have a look what the booklet for  
YUV(192.0840, 5.3816, -93.0357)  
contains.

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# Color

**YUV(192.0840, 5.3816,  
-93.0357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56F4CB
RGB	86, 244, 203
RGB Percent	34%, 96%, 80%
CMY	0.6627, 0.0431, 0.2039
CMYK	0.65, 0.00, 0.17, 0.04
HSL	164°, 88%, 65%
HSV	164°, 65%, 96%
XYZ	46.9679, 70.9916, 67.7272
YIQ	192.0840, -81.0070, -46.2470

# Conversions

## Conversions Part 2

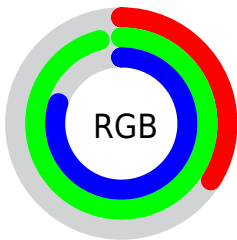
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 177, 244
Decimal	5698763
CIELab	87.48, -50.74, 7.69
CIElCh	87, 51.320, 171.382
Yxy	70.9916, 0.2529, 0.3823
Android (android.graphics.Color)	4283888843 (0xFF56F4CB)
YUV	192.0840, 5.3816, -93.0357
Hunter-Lab	84.2565, -47.9459, 11.3210

# Details

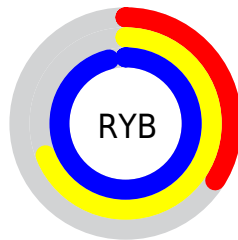
The YUV color **192.0840, 5.3816, -93.0357** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **137.9160, -5.3816, 93.0357**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **126.7550, 10.9668, -111.1641** is the 20% darker color. If you saturate the color by 10%, you get **184.2240, 6.2986, -107.1904**, and if you desaturate by 10%, it is **199.9440, 4.4646, -78.8809**.

# Distribution



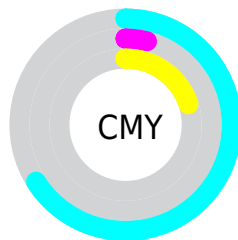
- Red (34%)
- Green (96%)
- Blue (80%)



- Red (34%)
- Yellow (69%)
- Blue (96%)



- Cyan (65%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (66%)
- Magenta (4%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.0840, 5.3816, -93.0357 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 192.0840, 5.3816, -93.0357 by changing the saturation by 10% instead.



192.0840, 5.3816,  
-93.0357

192.0840, 5.3816,  
-93.0357

255.0000, 0.0000,  
0.0000

159.7240, 8.0241,  
-100.6129

223.9040, 15.3303,  
-63.9368

126.7550, 10.9668,  
-111.1641

233.1730, 10.7607,  
-44.8787

107.3550, 7.7130,  
-94.1503

242.4420, 6.1911,  
-25.8206

88.6560, 4.6066,  
-77.7513

251.7110, 1.6215,  
-6.7625

70.6580, 1.6476,  
-61.9671

53.4750, -0.7272,  
-46.8976

36.4060, -2.6652,

-31.9281

■ 20.7560, -6.7817,  
-18.2030

■ 0.0000, 0.0000,  
0.0000

■ 192.0840, 5.3816,  
-93.0357

■ 192.0840, 5.3816,  
-93.0357

■ 184.2240, 6.2986,  
-107.1904

■ 199.9440, 4.4646,  
-78.8809

■ 175.9510, 6.9262,  
-121.8600


■ 208.2170, 3.8370,  
-64.2113


■ 168.0910, 7.8431,  
-136.0148


■ 216.0770, 2.9200,  
-50.0565


■ 163.8620, 8.4490,  
-143.7070

■ 224.2360, 1.8557,  
-35.2870

 232.2100, 1.3755,  
-21.2322

 240.0700, 0.4585,  
-7.0774

 247.6310, -0.3111,  
6.4626

 248.4290, 2.7465,  
5.7628

 248.5430, 3.1833,  
5.6628

# Harmonies

## Analogous

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



204.7320, -24.0249, -40.9840



192.0840, 5.3816, -93.0357



172.6570, 39.6091, -151.4202

# Triad

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



192.0840, 5.3816, -93.0357



214.2110, 20.1090, -9.8320



206.6530, -30.3949, 42.4003

# Complementary

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



192.0840, 5.3816, -93.0357



137.9160, -5.3816, 93.0357

# 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.



204.2830, -9.0135, 44.4788



192.0840, 5.3816, -93.0357



219.1930, 17.6529, 31.4027

# Square

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



192.0840, 5.3816, -93.0357



196.9920, 28.5979, -72.7840



209.2820, 12.6790, 40.0947



214.5970, -45.6503, 35.4334



# Rectangle

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



192.0840, 5.3816, -93.0357



171.1240, 41.3509, -150.0757



209.2820, 12.6790, 40.0947



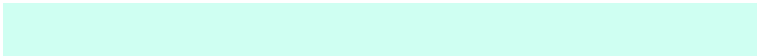
205.0860, -23.7064, 43.7746

# Sweetspot

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



192.0840, 5.3816, -93.0357



239.1660, 1.3972, -28.2096



191.3040, -51.9149, -55.5176



118.1180, 0.9278, -17.6435



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.



192.0840, 5.3816, -93.0357



189.5710, 6.6205, -117.1418



175.0390, 33.9978, -78.0872



118.0700, 0.4585, -7.0774



124.9140, 6.4514, -109.5496



39.5350, 1.7082, -34.6722



# Inverse Universe

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



137.9160, -5.3816, 93.0357



121.4290, -6.6205, 117.1418



154.9610, -33.9978, 78.0872



113.9300, -0.4585, 7.0774



61.0860, -6.4514, 109.5496

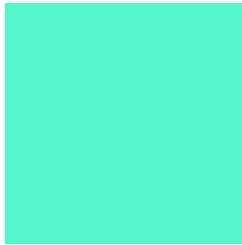


19.3510, -2.1450, 34.7722



# Previews

## White Background



This preview shows how the YUV color 192.0840, 5.3816, -93.0357 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

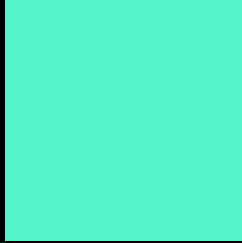
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.0840, 5.3816, -93.0357 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

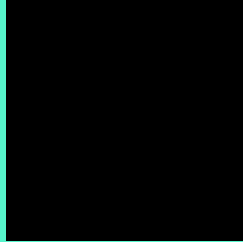
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 192.0840, 5.3816, -93.0357

## Background



This preview shows how black text looks on a background with the YUV color 192.0840, 5.3816, -93.0357.



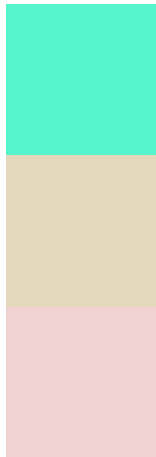
This preview shows how white text looks on a background with the YUV color 192.0840, 5.3816,

-93.0357.

# 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

192.0840, 5.3816, -93.0357

### Protanopia

217.0970, -13.8518, 9.5619

### Deuteranopia

219.2690, -4.5696, 19.0581



## Tritanopia

201.0900, 26.5776, -78.1319

# Trichromacy



## Original Color

192.0840, 5.3816, -93.0357



## Protanomaly

207.9890, -6.8966, -28.0544



## Deuteranomaly

209.2270, -1.0979, -21.2471



## Tritanomaly

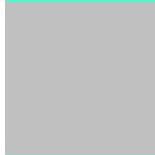
197.9940, 18.7370, -83.3097

# Monochromacy



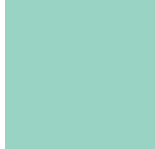
## Original Color

192.0840, 5.3816, -93.0357



## Achromatopsia

192.0000, 0.0000, 0.0000



## Achromatomaly

191.9480, 1.9976, -34.1574

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.0840, 5.3816, -93.0357 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(86, 244, 203)` looks like.

```
.text, #text, p{  
    color:rgb(86, 244, 203)  
}
```

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(86, 244, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 244, 203) }
```

## Border

The CSS property to change the border of an element to YUV 192.0840, 5.3816, -93.0357 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(86, 244, 203) }
```



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

```
.border{ border-color:rgb(86, 244, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 244, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 244, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 244, 203);  
box-shadow:4px 4px 4px 4px rgb(86, 244,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 192.0840, 5.3816, -93.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 244, 203) }
```

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

```
.background{ background-color: rgb(86, 244,  
203) }
```

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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