

Converting Colors

YUV(185.6380, 8.5595,
-85.6285)

Have a look what the booklet for
YUV(185.6380, 8.5595, -85.6285)
contains.

YUV(185.6380, 8.5595, -85.6285)	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(185.6380, 8.5595,
-85.6285)**

Conversions

Conversions Part 1

Format	Color
Hex	58E8CB
RGB	88, 232, 203
RGB Percent	35%, 91%, 80%
CMY	0.6549, 0.0902, 0.2039
CMYK	0.62, 0.00, 0.13, 0.09
HSL	168°, 76%, 63%
HSV	168°, 62%, 91%
XYZ	43.6606, 64.0997, 66.5712
YIQ	185.6380, -76.5150, -39.5470

Conversions

Conversions Part 2

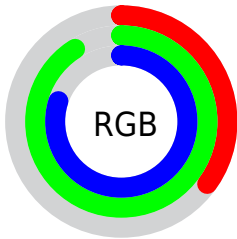
Format	Color
RYB	88, 168, 232
Decimal	5826763
CIELab	84.02, -45.32, 2.70
CIELCh	84, 45.398, 176.596
Yxy	64.0997, 0.2504, 0.3677
Android (android.graphics.Color)	4284016843 (0xFF58E8CB)
YUV	185.6380, 8.5595, -85.6285
Hunter-Lab	80.0623, -42.7671, 6.7444

Details

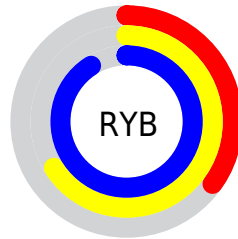
The YUV color **185.6380, 8.5595, -85.6285** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **134.3620, -8.5595, 85.6285**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **120.2980, 14.1501, -105.5013** is the 20% darker color. If you saturate the color by 10%, you get **178.1910, 9.7658, -99.2685**, and if you desaturate by 10%, it is **193.0850, 7.3531, -71.9885**.

Distribution



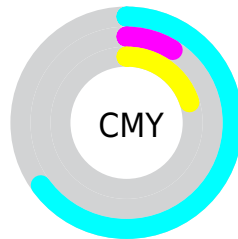
- Red (35%)
- Green (91%)
- Blue (80%)



- Red (35%)
- Yellow (66%)
- Blue (91%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.6380, 8.5595, -85.6285 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 185.6380, 8.5595, -85.6285 by changing the saturation by 10% instead.

185.6380, 8.5595,
-85.6285

185.6380, 8.5595,
-85.6285

255.0000, 0.0000,
0.0000

154.4740, 10.6123,
-90.7467

223.9040, 15.3303,
-63.9368

120.2980, 14.1501,
-105.5013

233.1730, 10.7607,
-44.8787

100.8980, 10.8963,
-88.4875

242.1430, 6.3385,
-26.4354

82.7860, 7.5005,
-72.6033

251.4120, 1.7689,
-7.3773

64.9020, 4.9783,
-56.9191

47.6050, 2.1667,
-41.7496

31.7100, -0.3500,

-27.8097

■ 14.2990, -3.5984,
-12.5402

■ 0.0000, 0.0000,
0.0000

■ 185.6380, 8.5595,
-85.6285

■ 185.6380, 8.5595,
-85.6285

■ 178.1910, 9.7658,
-99.2685

■ 193.0850, 7.3531,
-71.9885

■ 170.8580, 11.4090,
-113.0085

■ 200.4180, 5.7099,
-58.2486


■ 163.1120, 12.7628,
-127.2632


■ 208.1640, 4.3561,
-43.9938

■ 157.2740, 13.6689,
-137.9293


■ 215.6110, 3.1498,
-30.3538

 222.9440, 1.5066,
-16.6139

 230.3910, 0.3002,
-2.9739

 237.8380, -0.9061,
10.6661

 239.7890, 0.1040,
13.3400

 240.3590, 2.2880,
12.8402

Harmonies

Analogous

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



196.4420, -17.4729, -42.4836



185.6380, 8.5595, -85.6285



164.2280, 40.3136, -144.0280

Triad

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



185.6380, 8.5595, -85.6285



208.3630, 22.9920, -1.1954



203.6210, -31.8582, 45.0594

Complementary

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



185.6380, 8.5595, -85.6285



134.3620, -8.5595, 85.6285

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.



201.0400, -13.8237, 47.3229



185.6380, 8.5595, -85.6285



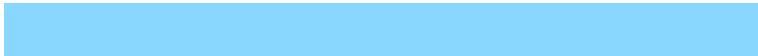
213.9100, 20.2574, 36.0359

Square

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



185.6380, 8.5595, -85.6285



196.2380, 28.9697, -51.9517



204.1810, 5.8268, 44.5683



206.7150, -41.2715, 30.9449

Rectangle

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



185.6380, 8.5595, -85.6285



165.8850, 43.9337, -138.4651



204.1810, 5.8268, 44.5683



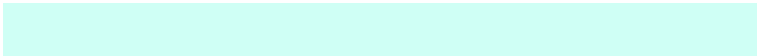
202.4130, -26.3326, 46.1188

Sweetspot

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



185.6380, 8.5595, -85.6285



239.5080, 2.7076, -28.5095



181.7970, -46.2419, -55.0730



118.3460, 1.8014, -17.8434



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.



185.6380, 8.5595, -85.6285



194.1570, 11.2616, -112.3937



164.8770, 33.0916, -67.4211



111.0700, 0.4585, -7.0774



121.3750, 10.6611, -106.4459



34.6110, 3.1498, -30.3538

Inverse Universe

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



134.3620, -8.5595, 85.6285



126.8430, -11.2616, 112.3937



155.1230, -33.0916, 67.4211



106.9300, -0.4585, 7.0774



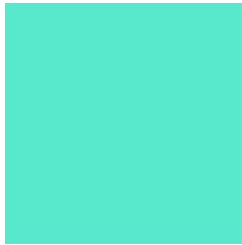
57.6250, -10.6611, 106.4459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 185.6380, 8.5595, -85.6285 looks on a white background.

Color Contrast Check

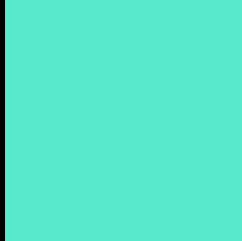
Large Text (above 18pt) WCAG AA × Fail

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 185.6380, 8.5595, -85.6285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

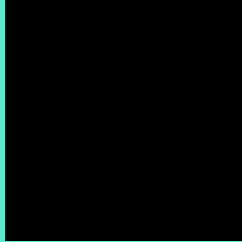
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

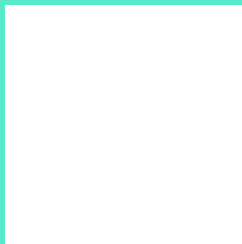
Any Text WCAG AAA ✓ Pass

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

YUV 185.6380, 8.5595, -85.6285 Background



This preview shows how black text looks on a background with the YUV color 185.6380, 8.5595, -85.6285.



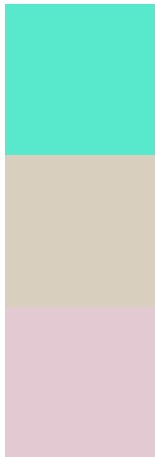
This preview shows how white text looks on a background with the YUV color 185.6380, 8.5595,

-85.6285.

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

185.6380, 8.5595, -85.6285

Protanopia

207.7530, -8.7522, 7.2326

Deuteranopia

209.8000, 0.0986, 15.0844



Tritanopia

191.8730, 25.6986, -76.1876

Trichromacy



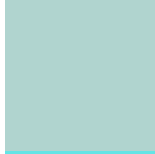
Original Color

185.6380, 8.5595, -85.6285



Protanomaly

199.5530, -2.2446, -26.7950



Deuteranomaly

200.6660, 3.1227, -21.6321



Tritanomaly

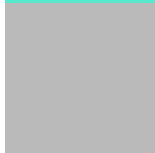
189.5430, 19.4523, -79.4062

Monochromacy



Original Color

185.6380, 8.5595, -85.6285



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.8990, 3.0078, -31.4834

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.6380, 8.5595, -85.6285 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(88, 232, 203)` looks like.

```
.text, #text, p{  
    color:rgb(88, 232, 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(88, 232, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 232, 203) }
```

Border

The CSS property to change the border of an element to YUV 185.6380, 8.5595, -85.6285 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(88, 232, 203) }
```


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

```
.border{ border-color:rgb(88, 232, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 232, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 232, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 232, 203);  
box-shadow:4px 4px 4px 4px rgb(88, 232,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 185.6380, 8.5595, -85.6285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 232, 203) }
```

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

```
.background{ background-color: rgb(88, 232,  
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](#).

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