

Converting Colors

YUV(181.9710, 3.4653,
-85.0436)

Have a look what the booklet for
YUV(181.9710, 3.4653, -85.0436)
contains.

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Color

**YUV(181.9710, 3.4653,
-85.0436)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 55E6BD |
| RGB | 85, 230, 189 |
| RGB Percent | 33%, 90%, 74% |
| CMY | 0.6667, 0.0980, 0.2588 |
| CMYK | 0.63, 0.00, 0.18, 0.10 |
| HSL | 163°, 74%, 62% |
| HSV | 163°, 63%, 90% |
| XYZ | 41.2284, 62.1990, 57.9768 |
| YIQ | 181.9710, -73.2590, -43.4910 |

Conversions

Conversions Part 2

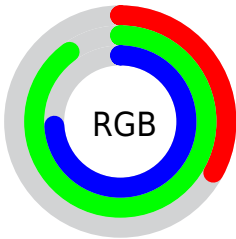
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 85, 169, 230 |
| Decimal | 5629629 |
| CIELab | 83.02, -48.32, 8.62 |
| CIELCh | 83, 49.078, 169.886 |
| Yxy | 62.1990, 0.2554, 0.3854 |
| Android (android.graphics.Color) | 4283819709 (0xFF55E6BD) |
| YUV | 181.9710, 3.4653, -85.0436 |
| Hunter-Lab | 78.8664, -44.7029, 11.6208 |

Details

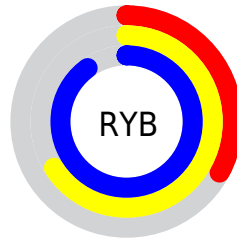
The YUV color **181.9710, 3.4653, -85.0436** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **133.0290, -3.4653, 85.0436**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8670, 11.4046, -64.7814**, and **117.6420, 9.0505, -103.1720** is the 20% darker color. If you saturate the color by 10%, you get **174.2960, 3.7981, -98.4836**, and if you desaturate by 10%, it is **189.6460, 3.1325, -71.6035**.

Distribution



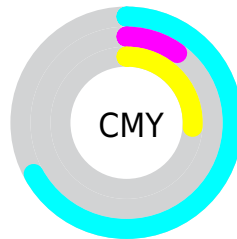
- Red (33%)
- Green (90%)
- Blue (74%)



- Red (33%)
- Yellow (66%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.9710, 3.4653, -85.0436 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 181.9710, 3.4653, -85.0436 by changing the saturation by 10% instead.

181.9710, 3.4653,
-85.0436

181.9710, 3.4653,
-85.0436

255.0000, 0.0000,
0.0000

150.5080, 5.6656,
-90.7765

221.8670, 11.4046,
-64.7814

117.6420, 9.0505,
-103.1720

232.2760, 11.2029,
-46.7231

98.2420, 5.7967,
-86.1582

241.2460, 6.7807,
-28.2797

80.2440, 2.8377,
-70.3740

250.2160, 2.3585,
-9.8364

62.3600, 0.3155,
-54.6897

45.1770, -2.0593,
-39.6202

29.8690, -4.8654,

-26.1951

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 181.9710, 3.4653,
-85.0436

■ 181.9710, 3.4653,
-85.0436

■ 174.2960, 3.7981,
-98.4836

■ 189.6460, 3.1325,
-71.6035

■ 166.7350, 4.5676,
-112.0236


■ 197.2070, 2.3629,
-58.0635


■ 159.0600, 4.9004,
-125.4636

■ 204.8820, 2.0302,
-44.6235


■ 153.8200, 5.5117,
-134.9001

■ 212.4430, 1.2606,
-31.0835

 220.1180, 0.9278,
-17.6435

 227.6790, 0.1583,
-4.1035

 235.3540, -0.1745,
9.3365

 238.7290, 1.1196,
14.2697

 239.5270, 4.1772,
13.5698

Harmonies

Analogous

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



193.5800, -23.4569, -36.4657



181.9710, 3.4653, -85.0436



162.6150, 36.6718, -142.6134

Triad

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



181.9710, 3.4653, -85.0436



203.2690, 25.5034, -13.3909



198.8110, -29.9798, 49.2778

Complementary

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



181.9710, 3.4653, -85.0436



133.0290, -3.4653, 85.0436

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.



196.9140, -9.3246, 50.9414



181.9710, 3.4653, -85.0436



210.9420, 21.7206, 33.3769

Square

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



181.9710, 3.4653, -85.0436



186.3600, 33.8395, -73.9837



202.1580, 10.7681, 46.3424



204.6730, -44.2088, 39.7518

Rectangle

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



181.9710, 3.4653, -85.0436



162.9060, 45.4023, -142.8686



202.1580, 10.7681, 46.3424



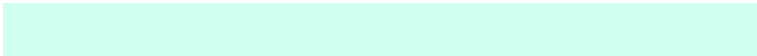
197.8310, -23.5807, 50.1372

Sweetspot

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



181.9710, 3.4653, -85.0436



239.0520, 0.9604, -28.1096



182.3740, -48.0054, -49.4400



118.0040, 0.4910, -17.5435



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.



181.9710, 3.4653, -85.0436



190.7240, 4.5731, -113.7679



168.4480, 30.3451, -73.1839



111.0700, 0.4585, -7.0774



119.6650, 4.1092, -104.9462



34.1550, 1.4026, -29.9539

Inverse Universe

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



133.0290, -3.4653, 85.0436



125.2760, -4.5731, 113.7679



146.5520, -30.3451, 73.1839



107.0440, -0.0217, 6.9774



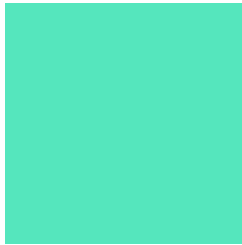
59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 181.9710, 3.4653, -85.0436 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 181.9710, 3.4653, -85.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

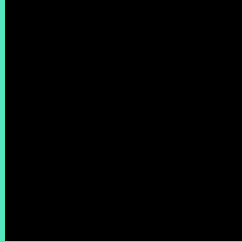
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

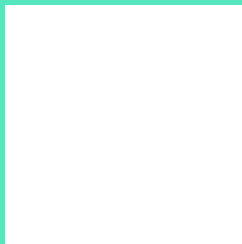
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.9710, 3.4653, -85.0436

Background



This preview shows how black text looks on a background with the YUV color 181.9710, 3.4653, -85.0436.

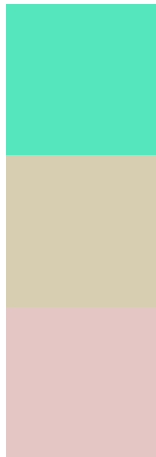


This preview shows how white text looks on a background with the YUV color 181.9710, 3.4653,

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

181.9710, 3.4653, -85.0436

Protanopia

204.6840, -14.1412, 9.0471

Deuteranopia

206.7420, -5.2958, 18.6433



Tritanopia

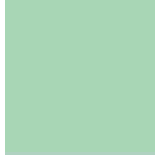
189.7700, 25.2564, -74.3433

Trichromacy



Original Color

181.9710, 3.4653, -85.0436



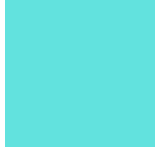
Protanomaly

196.4840, -7.6336, -24.9805



Deuteranomaly

197.8960, -2.4137, -19.2028



Tritanomaly

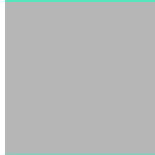
187.2720, 17.1209, -78.2915

Monochromacy



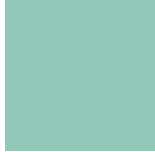
Original Color

181.9710, 3.4653, -85.0436



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.8560, 1.5500, -30.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.9710, 3.4653, -85.0436 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(85, 230, 189)` looks like.

```
.text, #text, p{  
    color:rgb(85, 230, 189)  
}
```

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(85, 230, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 230, 189) }
```

Border

The CSS property to change the border of an element to YUV 181.9710, 3.4653, -85.0436 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(85, 230, 189) }
```


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

```
.border{ border-color:rgb(85, 230, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 230, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 230, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 230, 189);  
box-shadow:4px 4px 4px 4px rgb(85, 230,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 181.9710, 3.4653, -85.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 230, 189) }
```

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

```
.background{ background-color: rgb(85, 230,  
189) }
```

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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