

Converting Colors

YUV(158.4880, 6.1684,
-65.3260)

Have a look what the booklet for
YUV(158.4880, 6.1684, -65.3260)
contains.

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Color

**YUV(158.4880, 6.1684,
-65.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	54C2AB
RGB	84, 194, 171
RGB Percent	33%, 76%, 67%
CMY	0.6706, 0.2392, 0.3294
CMYK	0.57, 0.00, 0.12, 0.24
HSL	167°, 47%, 55%
HSV	167°, 57%, 76%
XYZ	30.2986, 43.4087, 45.3099
YIQ	158.4880, -58.1770, -30.4730

Conversions

Conversions Part 2

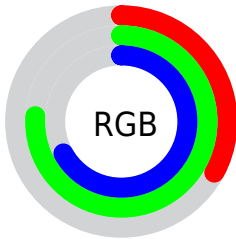
Format	Color
RYB	84, 145, 194
Decimal	5554859
CIELab	71.83, -37.03, 2.12
CIElCh	72, 37.086, 176.727
Yxy	43.4087, 0.2546, 0.3647
Android (android.graphics.Color)	4283744939 (0xFF54C2AB)
YUV	158.4880, 6.1684, -65.3260
Hunter-Lab	65.8853, -33.2125, 5.3454

Details

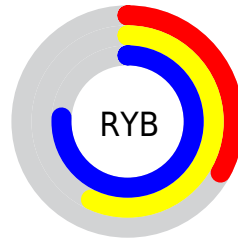
The YUV color **158.4880, 6.1684, -65.3260** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **119.5120, -6.1684, 65.3260**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5590, 5.1474, -64.5112**, and **95.7460, 11.4642, -83.9692** is the 20% darker color. If you saturate the color by 10%, you get **152.3510, 7.2220, -76.6068**, and if you desaturate by 10%, it is **164.6250, 5.1149, -54.0451**.

Distribution



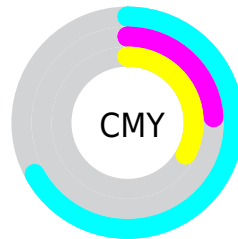
- Red (33%)
- Green (76%)
- Blue (67%)



- Red (33%)
- Yellow (57%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4880, 6.1684, -65.3260 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 158.4880, 6.1684, -65.3260 by changing the saturation by 10% instead.

■ 158.4880, 6.1684,
-65.3260

■ 158.4880, 6.1684,
-65.3260

■ 255.0000, 0.0000,
0.0000

■ 129.5200, 7.6316,
-67.9850

■ 215.5590, 5.1474,
-64.5112

■ 95.7460, 11.4642,
-83.9692

■ 230.1830, 12.2348,
-51.0265

■ 77.6340, 8.0684,
-68.0850

■ 238.8540, 7.9600,
-33.1980

■ 60.3370, 5.2569,
-52.9155

■ 247.5250, 3.6852,
-15.3694

■ 43.0400, 2.4453,
-37.7461

■ 27.7320, -0.3609,
-24.3210

■ 7.1580, -3.0359,

-6.2776

■ 0.0000, 0.0000,
0.0000

■ 158.4880, 6.1684,
-65.3260

■ 158.4880, 6.1684,
-65.3260

■ 152.3510, 7.2220,
-76.6068

■ 164.6250, 5.1149,
-54.0451

■ 145.9150, 8.4229,
-88.5025

■ 171.0610, 3.9139,
-42.1495

■ 139.7780, 9.4764,
-99.7833

■ 177.1980, 2.8604,
-30.8686

■ 133.3420, 10.6774,
-111.6789

■ 183.6340, 1.6594,
-18.9730

■ 131.3200, 10.6882,
-115.1676

■ 189.7710, 0.6059,
-7.6922

■ 195.9080, -0.4476,
3.5887

■ 202.3440, -1.6486,
15.4843

■ 208.4810, -2.7021,
26.7652

■ 213.8350, -2.8767,
36.1017

Harmonies

Analogous

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



165.5340, -13.5743, -32.9173



158.4880, 6.1684, -65.3260



150.7030, 26.7684, -92.7015

Triad

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



158.4880, 6.1684, -65.3260



178.4320, 28.3810, -3.0099



176.4730, -27.3482, 45.1892

Complementary

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



158.4880, 6.1684, -65.3260



119.5120, -6.1684, 65.3260

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.



178.3400, -15.4506, 55.8298



158.4880, 6.1684, -65.3260



180.8400, 16.3479, 29.9583

Square

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



158.4880, 6.1684, -65.3260



169.8400, 36.0679, -41.9557



179.8460, 0.5689, 51.0011



174.2610, -32.6667, 24.3271

Rectangle

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



158.4880, 6.1684, -65.3260



152.9020, 35.0513, -89.3681



179.8460, 0.5689, 51.0011



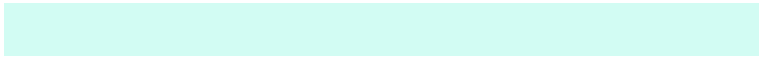
177.0160, -24.1649, 50.8520

Sweetspot

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



158.4880, 6.1684, -65.3260



238.4160, 2.2599, -24.9208



155.7460, -35.3708, -41.8732



119.5420, 1.2118, -15.3843



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.



158.4880, 6.1684, -65.3260



196.8810, 9.9187, -101.6276



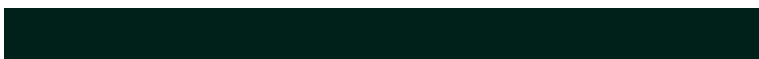
142.9130, 25.1859, -51.6667



93.7820, 0.6005, -5.9478



108.9850, 8.8814, -95.5798



22.3350, 1.8068, -19.5878

Inverse Universe

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



119.5120, -6.1684, 65.3260



136.2330, -9.4819, 101.5277



135.0870, -25.1859, 51.6667



90.2180, -0.6005, 5.9478



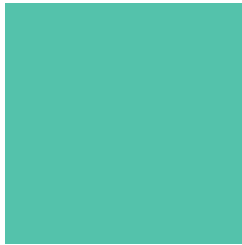
52.0150, -8.8814, 95.5798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 158.4880, 6.1684, -65.3260 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 158.4880, 6.1684, -65.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

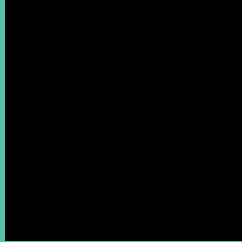
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.4880, 6.1684, -65.3260

Background



This preview shows how black text looks on a background with the YUV color 158.4880, 6.1684, -65.3260.



This preview shows how white text looks on a background with the YUV color 158.4880, 6.1684,

-65.3260.

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

158.4880, 6.1684, -65.3260

Protanopia

174.4970, -7.1470, 5.7031

Deuteranopia

176.3760, -0.1854, 12.8252



Tritanopia

162.9030, 20.2608, -58.6739

Trichromacy



Original Color

158.4880, 6.1684, -65.3260



Protanomaly

168.5970, -2.2663, -19.8176



Deuteranomaly

169.7700, 2.0854, -15.5843



Tritanomaly

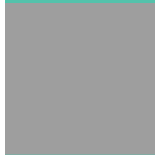
161.5130, 15.0301, -60.9629

Monochromacy



Original Color

158.4880, 6.1684, -65.3260



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.1280, 2.4019, -23.7913

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4880, 6.1684, -65.3260 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(84, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(84, 194, 171)  
}
```

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(84, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 194, 171) }
```

Border

The CSS property to change the border of an element to YUV 158.4880, 6.1684, -65.3260 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(84, 194, 171) }
```


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

```
.border{ border-color:rgb(84, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(84, 194,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 158.4880, 6.1684, -65.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 194, 171) }
```

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

```
.background{ background-color: rgb(84, 194,  
171) }
```

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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