

Converting Colors

YUV(162.4880, 6.1684,
-65.3260)

Have a look what the booklet for
YUV(162.4880, 6.1684, -65.3260)
contains.

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Color

**YUV(162.4880, 6.1684,
-65.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	58C6AF
RGB	88, 198, 175
RGB Percent	35%, 78%, 69%
CMY	0.6549, 0.2235, 0.3137
CMYK	0.56, 0.00, 0.12, 0.22
HSL	167°, 49%, 56%
HSV	167°, 56%, 78%
XYZ	31.9564, 45.5580, 47.6667
YIQ	162.4880, -58.1770, -30.4730

Conversions

Conversions Part 2

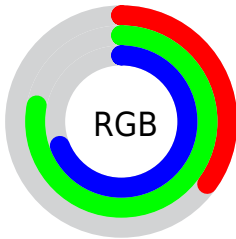
Format	Color
RYB	88, 149, 198
Decimal	5818031
CIELab	73.26, -37.05, 2.03
CIElCh	73, 37.110, 176.863
Yxy	45.5580, 0.2553, 0.3639
Android (android.graphics.Color)	4284008111 (0xFF58C6AF)
YUV	162.4880, 6.1684, -65.3260
Hunter-Lab	67.4967, -33.6080, 5.3766

Details

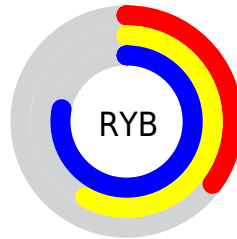
The YUV color **162.4880, 6.1684, -65.3260** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **123.5120, -6.1684, 65.3260**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5590, 5.1474, -64.5112**, and **101.5510, 10.5744, -78.5362** is the 20% darker color. If you saturate the color by 10%, you get **156.0520, 7.3694, -77.2216**, and if you desaturate by 10%, it is **168.9240, 4.9675, -53.4303**.

Distribution



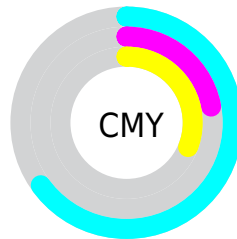
- Red (35%)
- Green (78%)
- Blue (69%)



- Red (35%)
- Yellow (58%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4880, 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 162.4880, 6.1684, -65.3260 by changing the saturation by 10% instead.

■ 162.4880, 6.1684,
-65.3260

■ 162.4880, 6.1684,
-65.3260

255.0000, 0.0000,
0.0000

■ 133.7050, 7.0474,
-67.2703

■ 219.5590, 5.1474,
-64.5112

■ 101.5510, 10.5744,
-78.5362

■ 231.0800, 11.7926,
-49.1822

■ 79.8510, 8.9475,
-70.0293

■ 240.0500, 7.3704,
-30.7388

■ 62.4400, 5.6991,
-54.7599

■ 248.7210, 3.0955,
-12.9103

■ 45.8440, 3.0349,
-40.2052

■ 29.8350, 0.0813,
-26.1653

■ 12.4240, -3.1670,

-10.8958

■ 0.0000, 0.0000,
0.0000

■ 162.4880, 6.1684,
-65.3260

■ 162.4880, 6.1684,
-65.3260

■ 156.0520, 7.3694,
-77.2216

■ 168.9240, 4.9675,
-53.4303

■ 149.6160, 8.5703,
-89.1172

■ 175.3600, 3.7665,
-41.5347

■ 143.4790, 9.6239,
-100.3981

■ 181.4970, 2.7130,
-30.2539

■ 136.9290, 10.3880,
-112.1937

■ 188.0470, 1.9488,
-18.4582

■ 134.1240, 11.2779,
-117.6267

■ 194.4830, 0.7479,
-6.5626

■ 200.9190, -0.4531,
5.3330

■ 207.3550, -1.6540,
17.2287

■ 213.4920, -2.7076,
28.5095

■ 216.6390, -2.2870,
33.6426

Harmonies

Analogous

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



169.2350, -13.4269, -33.5321



162.4880, 6.1684, -65.3260



155.3010, 26.4736, -91.4720

Triad

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



162.4880, 6.1684, -65.3260



181.8450, 28.6704, -2.4951



180.6580, -27.9324, 45.9039

Complementary

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



162.4880, 6.1684, -65.3260



123.5120, -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.



182.3400, -15.4506, 55.8298



162.4880, 6.1684, -65.3260



185.1390, 16.2005, 30.5731

Square

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



162.4880, 6.1684, -65.3260



173.8400, 36.0679, -41.9557



183.8460, 0.5689, 51.0011



178.2610, -32.6667, 24.3271

Rectangle

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



162.4880, 6.1684, -65.3260



157.5000, 34.7565, -88.1385



183.8460, 0.5689, 51.0011



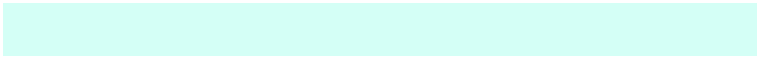
181.0160, -24.1649, 50.8520

Sweetspot

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



162.4880, 6.1684, -65.3260



241.1170, 2.4073, -25.5356



159.7460, -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.



162.4880, 6.1684, -65.3260



199.7670, 9.4819, -101.5277



146.9130, 25.1859, -51.6667



96.0810, 0.4531, -5.3330



110.3870, 9.1762, -96.8094



24.3240, 1.8123, -21.3321

Inverse Universe

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



123.5120, -6.1684, 65.3260



139.2330, -9.4819, 101.5277



139.0870, -25.1859, 51.6667



92.9190, -0.4531, 5.3330



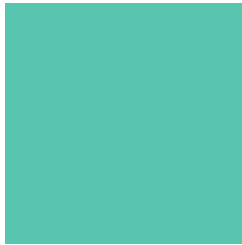
52.6130, -9.1762, 96.8094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 162.4880, 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 162.4880, 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 162.4880, 6.1684, -65.3260 Background



This preview shows how black text looks on a background with the YUV color 162.4880, 6.1684, -65.3260.



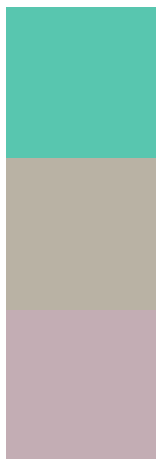
This preview shows how white text looks on a background with the YUV color 162.4880, 6.1684,

-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

162.4880, 6.1684, -65.3260

Protanopia

178.4970, -7.1470, 5.7031

Deuteranopia

180.3760, -0.1854, 12.8252



Tritanopia

167.0170, 20.6976, -58.7739

Trichromacy



Original Color

162.4880, 6.1684, -65.3260



Protanomaly

172.5970, -2.2663, -19.8176



Deuteranomaly

173.7700, 2.0854, -15.5843



Tritanomaly

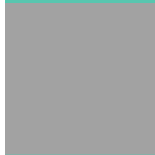
165.6270, 15.4669, -61.0629

Monochromacy



Original Color

162.4880, 6.1684, -65.3260



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.1280, 2.4019, -23.7913

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4880, 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(88, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(88, 198, 175)  
}
```

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, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 198, 175) }
```

Border

The CSS property to change the border of an element to YUV 162.4880, 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(88, 198, 175) }
```


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

```
.border{ border-color:rgb(88, 198, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 198, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(88, 198,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 162.4880, 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(88, 198, 175) }
```

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

```
.background{ background-color: rgb(88, 198,  
175) }
```

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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