

Converting Colors

YUV(158.5630, 5.6384,
-82.0548)

Have a look what the booklet for
YUV(158.5630, 5.6384, -82.0548)
contains.

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Color

**YUV(158.5630, 5.6384,
-82.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	41CCAA
RGB	65, 204, 170
RGB Percent	25%, 80%, 67%
CMY	0.7451, 0.2000, 0.3333
CMYK	0.68, 0.00, 0.17, 0.20
HSL	165°, 58%, 53%
HSV	165°, 68%, 80%
XYZ	31.0285, 47.2118, 45.5076
YIQ	158.5630, -71.9300, -40.0420

Conversions

Conversions Part 2

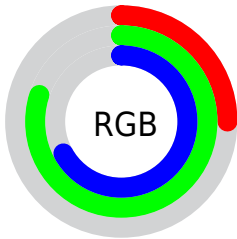
Format	Color
RYB	65, 144, 204
Decimal	4312234
CIELab	74.33, -45.05, 6.20
CIELCh	74, 45.477, 172.165
Yxy	47.2118, 0.2507, 0.3815
Android (android.graphics.Color)	4282502314 (0xFF41CCAA)
YUV	158.5630, 5.6384, -82.0548
Hunter-Lab	68.7109, -39.6368, 8.8295

Details

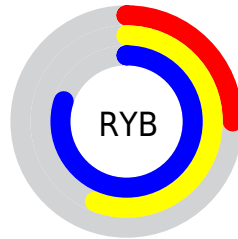
The YUV color **158.5630, 5.6384, -82.0548** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **110.4370, -5.6384, 82.0548**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9060, 5.4693, -74.4626**, and **100.9150, 8.4229, -88.5025** is the 20% darker color. If you saturate the color by 10%, you get **152.0130, 6.4026, -93.8504**, and if you desaturate by 10%, it is **165.1130, 4.8743, -70.2591**.

Distribution



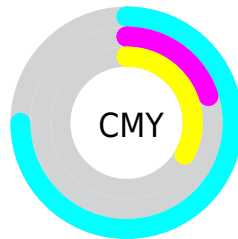
- Red (25%)
- Green (80%)
- Blue (67%)



- Red (25%)
- Yellow (56%)
- Blue (80%)



- Cyan (68%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (75%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5630, 5.6384, -82.0548 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 158.5630, 5.6384, -82.0548 by changing the saturation by 10% instead.

■ 158.5630, 5.6384,
-82.0548

■ 158.5630, 5.6384,
-82.0548

■ 255.0000, 0.0000,
0.0000

■ 124.8110, 9.4602,
-94.5502

■ 213.9060, 5.4693,
-74.4626

■ 100.9150, 8.4229,
-88.5025

■ 226.1820, 13.7143,
-58.9186

■ 82.2160, 5.3165,
-72.1034

■ 235.2660, 9.7289,
-40.5753

■ 64.9190, 2.5049,
-56.9340

■ 244.5350, 5.1592,
-21.5172

■ 47.6220, -0.3066,
-41.7645

■ 253.5050, 0.7370,
-3.0739

■ 31.2540, -2.0972,
-27.4098

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 158.5630, 5.6384,
-82.0548

■ 158.5630, 5.6384,
-82.0548

■ 152.0130, 6.4026,
-93.8504

■ 165.1130, 4.8743,
-70.2591

■ 145.1640, 7.3141,
-106.2608

■ 171.9620, 3.9627,
-57.8487

■ 138.6140, 8.0783,
-118.0565

■ 178.5120, 3.1986,
-46.0530

■ 137.3040, 8.2311,
-120.4156

■ 185.3610, 2.2870,
-33.6426

■ 191.9110, 1.5229,
-21.8469

■ 198.4610, 0.7587,
-10.0513

■ 205.3100, -0.1528,
2.3591

■ 211.8600, -0.9170,
14.1548

■ 218.7090, -1.8285,
26.5652

Harmonies

Analogous

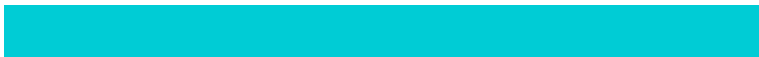
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.2040, -19.8206, -36.1359



158.5630, 5.6384, -82.0548



144.0300, 34.0022, -126.3143

Triad

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



158.5630, 5.6384, -82.0548



183.2120, 35.3915, -11.5869



182.9970, -32.0435, 57.8846

Complementary

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



158.5630, 5.6384, -82.0548



110.4370, -5.6384, 82.0548

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.



182.3240, -14.4567, 63.7369



158.5630, 5.6384, -82.0548



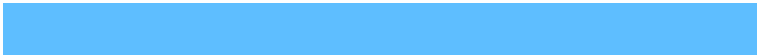
188.2730, 23.0364, 31.3326

Square

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



158.5630, 5.6384, -82.0548



168.7060, 42.5429, -65.5172



186.6390, 4.6150, 59.9526



180.6660, -40.2613, 33.6189

Rectangle

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



158.5630, 5.6384, -82.0548



145.7060, 45.5009, -127.7842



186.6390, 4.6150, 59.9526



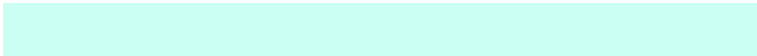
183.1100, -26.6762, 63.0475

Sweetspot

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



158.5630, 5.6384, -82.0548



238.3830, 2.2762, -30.1539



157.0580, -45.3846, -50.0399



117.8190, 1.0752, -18.2583



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.



158.5630, 5.6384, -82.0548



186.6950, 8.5314, -123.3895



141.8940, 30.6183, -67.4360



98.7820, 0.6005, -5.9478



111.6920, 6.5608, -97.9539



25.6120, 1.6703, -22.4617

Inverse Universe

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



110.4370, -5.6384, 82.0548



114.3050, -8.5314, 123.3895



127.1060, -30.6183, 67.4360



95.2180, -0.6005, 5.9478



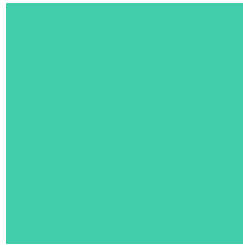
54.3080, -6.5608, 97.9539



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 158.5630, 5.6384, -82.0548 looks on a white background.

Color Contrast Check

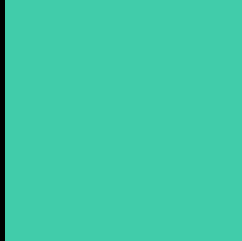
Large Text (above 18pt) WCAG AA × Fail

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 158.5630, 5.6384, -82.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

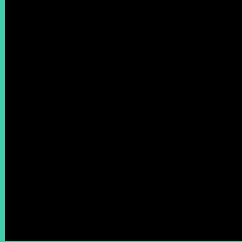
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

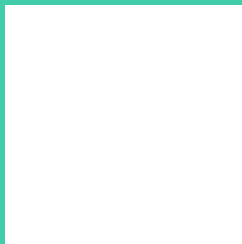
Any Text WCAG AAA ✓ Pass

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

YUV 158.5630, 5.6384, -82.0548 Background



This preview shows how black text looks on a background with the YUV color 158.5630, 5.6384, -82.0548.



This preview shows how white text looks on a background with the YUV color 158.5630, 5.6384,

-82.0548.

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

158.5630, 5.6384, -82.0548

Protanopia

181.0690, -11.3730, 7.8325

Deuteranopia

182.8880, -3.3958, 15.8842



Tritanopia

166.0370, 23.6458, -71.0694

Trichromacy



Original Color

158.5630, 5.6384, -82.0548



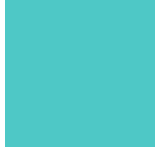
Protanomaly

172.7660, -5.3076, -24.3508



Deuteranomaly

174.4660, -0.2297, -19.7027



Tritanomaly

163.2940, 17.1101, -74.8028

Monochromacy



Original Color

158.5630, 5.6384, -82.0548



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.6820, 2.1288, -29.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5630, 5.6384, -82.0548 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(65, 204, 170)` looks like.

```
.text, #text, p{  
    color:rgb(65, 204, 170)  
}
```

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(65, 204, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 204, 170) }
```

Border

The CSS property to change the border of an element to YUV 158.5630, 5.6384, -82.0548 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(65, 204, 170) }
```


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

```
.border{ border-color:rgb(65, 204, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 204, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 204, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 204, 170);  
box-shadow:4px 4px 4px 4px rgb(65, 204,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 158.5630, 5.6384, -82.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 204, 170) }
```

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

```
.background{ background-color: rgb(65, 204,  
170) }
```

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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