

Converting Colors

YUV(176.2440, -0.6133,
-83.5290)

Have a look what the booklet for
YUV(176.2440, -0.6133, -83.5290)
contains.

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Color

**YUV(176.2440, -0.6133,
-83.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	51E1AF
RGB	81, 225, 175
RGB Percent	32%, 88%, 69%
CMY	0.6824, 0.1176, 0.3137
CMYK	0.64, 0.00, 0.22, 0.12
HSL	159°, 71%, 60%
HSV	159°, 64%, 88%
XYZ	38.0564, 58.6949, 49.8809
YIQ	176.2440, -69.7740, -46.0780

Conversions

Conversions Part 2

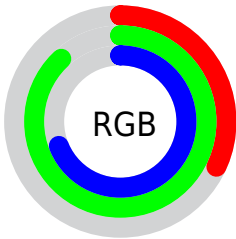
Format	Color
RYB	81, 168, 225
Decimal	5366191
CIELab	81.12, -50.11, 13.28
CIELCh	81, 51.841, 165.161
Yxy	58.6949, 0.2595, 0.4003
Android (android.graphics.Color)	4283556271 (0xFF51E1AF)
YUV	176.2440, -0.6133, -83.5290
Hunter-Lab	76.6126, -45.4043, 15.0263

Details

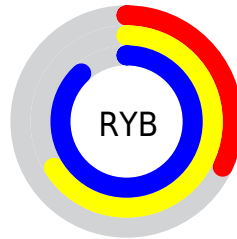
The YUV color **176.2440, -0.6133, -83.5290** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **129.7560, 0.6133, 83.5290**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0750, 5.8790, -65.8408**, and **113.1110, 4.3823, -99.1983** is the 20% darker color. If you saturate the color by 10%, you get **168.7540, -0.8647, -96.2543**, and if you desaturate by 10%, it is **183.7340, -0.3619, -70.8037**.

Distribution



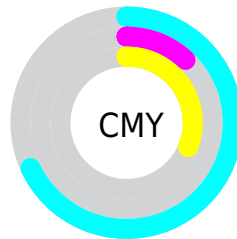
- Red (32%)
- Green (88%)
- Blue (69%)



- Red (32%)
- Yellow (66%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2440, -0.6133, -83.5290 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 176.2440, -0.6133, -83.5290 by changing the saturation by 10% instead.

176.2440, -0.6133,
-83.5290

176.2440, -0.6133,
-83.5290

255.0000, 0.0000,
0.0000

145.0690, 1.4450,
-90.3915

219.0750, 5.8790,
-65.8408

113.1110, 4.3823,
-99.1983

230.7810, 11.9400,
-49.7969

94.5260, 1.7127,
-82.8993

239.7510, 7.5178,
-31.3536

75.9410, -0.9569,
-66.6003

249.0200, 2.9481,
-12.2955

58.6440, -3.7685,
-51.4308

41.5750, -5.7065,
-36.4613

25.9250, -9.8230,

-22.7362

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 176.2440, -0.6133,
-83.5290

■ 176.2440, -0.6133,
-83.5290

■ 168.7540, -0.8647,
-96.2543

■ 183.7340, -0.3619,
-70.8037

■ 160.9650, -0.9687,
-109.5943

■ 191.5230, -0.2578,
-57.4637


■ 153.5890, -0.7834,
-122.4196

■ 198.8990, -0.4432,
-44.6384

■ 148.8330, -0.9037,
-130.5265

■ 206.6880, -0.3392,
-31.2984

 214.4770, -0.2352,
-17.9583

 221.9670, 0.0163,
-5.2331

 229.7560, 0.1203,
8.1070

 235.4520, 1.2562,
17.1436

 236.2500, 4.3137,
16.4438

Harmonies

Analogous

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



188.6470, -28.4200, -31.2624



176.2440, -0.6133, -83.5290



158.8990, 32.5878, -139.3544

Triad

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



176.2440, -0.6133, -83.5290



195.2290, 29.4671, -24.7568



193.1860, -28.6857, 54.2109

Complementary

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



176.2440, -0.6133, -83.5290



129.7560, 0.6133, 83.5290

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.



191.7450, -6.2833, 55.4746



176.2440, -0.6133, -83.5290



205.0060, 24.6470, 28.0587

Square

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



176.2440, -0.6133, -83.5290



170.8450, 41.4884, -100.7191



199.0920, 14.2516, 49.0313



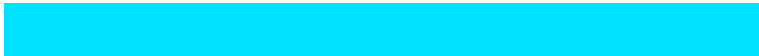
199.0760, -45.3935, 46.4143

Rectangle

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



176.2440, -0.6133, -83.5290



161.1450, 46.2705, -141.3242



199.0920, 14.2516, 49.0313



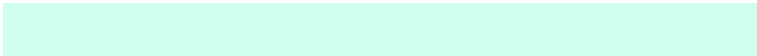
191.7330, -21.5604, 55.4852

Sweetspot

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



176.2440, -0.6133, -83.5290



238.7100, -0.3500, -27.8097



180.4780, -49.0427, -43.3922



117.7760, -0.3826, -17.3436



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.



176.2440, -0.6133, -83.5290



188.6440, -0.8105, -113.6978



169.0300, 27.5932, -77.2023



108.2550, -0.1257, -6.3626



116.4220, -0.7010, -102.1021



31.8240, 0.0868, -27.9096

Inverse Universe

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



129.7560, 0.6133, 83.5290



125.3560, 0.8105, 113.6978



136.9700, -27.5932, 77.2023



104.7450, 0.1257, 6.3626



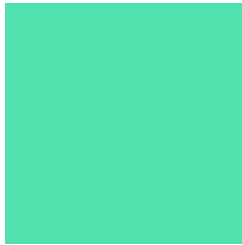
59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 176.2440, -0.6133, -83.5290 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 176.2440, -0.6133, -83.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

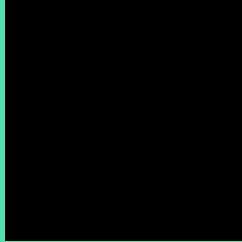
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

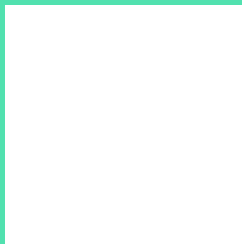
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.2440, -0.6133, -83.5290

Background



This preview shows how black text looks on a background with the YUV color 176.2440, -0.6133, -83.5290.



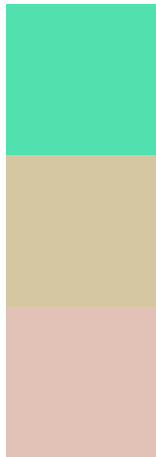
This preview shows how white text looks on a background with the YUV color 176.2440, -0.6133, -83.5290.

-83.5290.

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

176.2440, -0.6133, -83.5290

Protanopia

198.6690, -18.0778, 11.6913

Deuteranopia

201.6130, -9.6692, 21.3874



Tritanopia

185.2650, 24.5194, -71.2694

Trichromacy



Original Color

176.2440, -0.6133, -83.5290



Protanomaly

190.1700, -11.4228, -22.9511



Deuteranomaly

192.4680, -6.6397, -17.0734



Tritanomaly

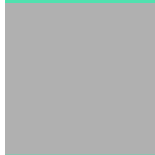
182.1260, 15.2209, -75.5325

Monochromacy



Original Color

176.2440, -0.6133, -83.5290



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.1010, -0.0498, -30.7836

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2440, -0.6133, -83.5290 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(81, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(81, 225, 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(81, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 225, 175) }
```

Border

The CSS property to change the border of an element to YUV 176.2440, -0.6133, -83.5290 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(81, 225, 175) }
```


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

```
.border{ border-color:rgb(81, 225, 175) }
```

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

Here you see how a box with a 4 pixel rgb(81, 225, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 225, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 225, 175);  
box-shadow:4px 4px 4px 4px rgb(81, 225,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 176.2440, -0.6133, -83.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 225, 175) }
```

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

```
.background{ background-color: rgb(81, 225,  
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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