

Converting Colors

YUV(178.2360, 8.2647,
-84.3990)

Have a look what the booklet for
YUV(178.2360, 8.2647, -84.3990)
contains.

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Color

**YUV(178.2360, 8.2647,
-84.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	52E0C3
RGB	82, 224, 195
RGB Percent	32%, 88%, 76%
CMY	0.6784, 0.1216, 0.2353
CMYK	0.63, 0.00, 0.13, 0.12
HSL	168°, 70%, 60%
HSV	168°, 63%, 88%
XYZ	39.9857, 59.0453, 60.9192
YIQ	178.2360, -75.3230, -39.1230

Conversions

Conversions Part 2

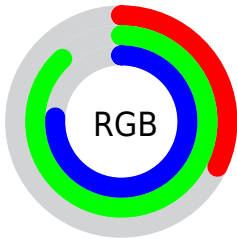
Format	Color
RYB	82, 161, 224
Decimal	5431491
CIELab	81.32, -44.82, 2.99
CIELCh	81, 44.917, 176.189
Yxy	59.0453, 0.2500, 0.3691
Android (android.graphics.Color)	4283621571 (0xFF52E0C3)
YUV	178.2360, 8.2647, -84.3990
Hunter-Lab	76.8409, -41.5857, 6.7838

Details

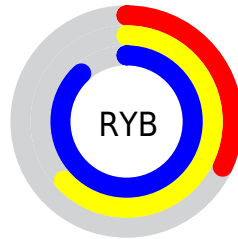
The YUV color **178.2360, 8.2647, -84.3990** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **127.7640, -8.2647, 84.3990**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6540, 14.4676, -67.2256**, and **114.6900, 12.9708, -100.5831** is the 20% darker color. If you saturate the color by 10%, you get **171.0880, 9.3236, -97.4242**, and if you desaturate by 10%, it is **185.3840, 7.2057, -71.3738**.

Distribution



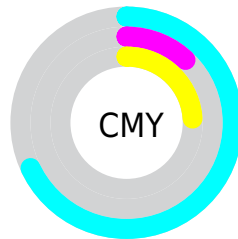
- Red (32%)
- Green (88%)
- Blue (76%)



- Red (32%)
- Yellow (63%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2360, 8.2647, -84.3990 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 178.2360, 8.2647, -84.3990 by changing the saturation by 10% instead.

178.2360, 8.2647,
-84.3990

178.2360, 8.2647,
-84.3990

255.0000, 0.0000,
0.0000

147.0610, 10.3229,
-91.2615

221.6540, 14.4676,
-67.2256

114.6900, 12.9708,
-100.5831

231.3790, 11.6452,
-48.5674

95.9910, 9.8644,
-84.1841

240.3490, 7.2229,
-30.1241

77.8790, 6.4687,
-68.2999

249.6180, 2.6533,
-11.0660

59.9950, 3.9465,
-52.6156

43.3990, 1.2823,
-38.0609

28.0910, -1.5239,

-24.6358

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 178.2360, 8.2647,
-84.3990

■ 178.2360, 8.2647,
-84.3990

■ 171.0880, 9.3236,
-97.4242

■ 185.3840, 7.2057,
-71.3738

■ 163.7550, 10.9668,
-111.1641

■ 192.7170, 5.5625,
-57.6338


■ 156.6070, 12.0257,
-124.1893

■ 199.8650, 4.5036,
-44.6086


■ 151.7800, 12.9265,
-133.1111


■ 207.1980, 2.8604,
-30.8686

 214.3460, 1.8014,
-17.8434

 221.3800, 0.3057,
-4.7183

 228.8270, -0.9007,
8.9217

 234.1810, -1.0752,
18.2583

 234.6370, 0.6720,
17.8584

Harmonies

Analogous

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



189.1540, -17.3309, -41.3541



178.2360, 8.2647, -84.3990



158.6200, 39.1343, -139.1097

Triad

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



178.2360, 8.2647, -84.3990



201.8620, 26.1970, -2.5100



198.8280, -32.4532, 49.2628

Complementary

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



178.2360, 8.2647, -84.3990



127.7640, -8.2647, 84.3990

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.



195.6600, -14.1294, 52.0412



178.2360, 8.2647, -84.3990



207.6220, 20.3994, 37.1655

Square

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



178.2360, 8.2647, -84.3990



189.7370, 32.1747, -53.2663



199.2740, 4.7949, 48.8717



199.5300, -40.6873, 30.2302

Rectangle

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



178.2360, 8.2647, -84.3990



158.7970, 47.4281, -139.2650



199.2740, 4.7949, 48.8717



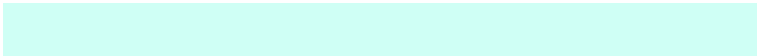
197.0330, -26.6383, 50.8371

Sweetspot

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



178.2360, 8.2647, -84.3990



239.5080, 2.7076, -28.5095



174.6230, -45.6631, -54.0434



118.3460, 1.8014, -17.8434



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.



178.2360, 8.2647, -84.3990



192.4340, 11.1250, -115.2676



158.0620, 32.5074, -66.7064



108.4830, 0.7479, -6.5626



119.2720, 10.2189, -104.6015



32.6220, 3.1444, -28.6095

Inverse Universe

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



127.7640, -8.2647, 84.3990



123.5660, -11.1250, 115.2676



147.9380, -32.5074, 66.7064



104.5170, -0.7479, 6.5626



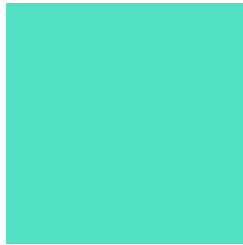
56.7280, -10.2189, 104.6015



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 178.2360, 8.2647, -84.3990 looks on a white background.

Color Contrast Check

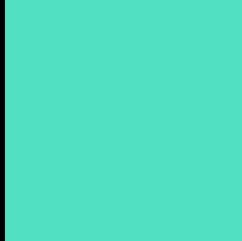
Large Text (above 18pt) WCAG AA × Fail

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 178.2360, 8.2647, -84.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

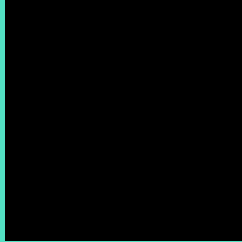
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

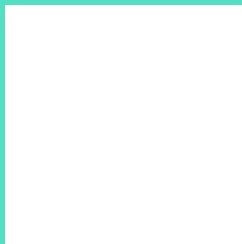
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.2360, 8.2647, -84.3990

Background



This preview shows how black text looks on a background with the YUV color 178.2360, 8.2647, -84.3990.



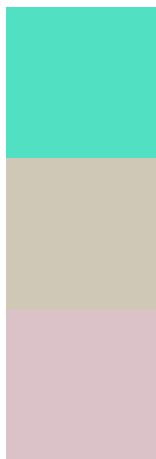
This preview shows how white text looks on a background with the YUV color 178.2360, 8.2647,

-84.3990.

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

178.2360, 8.2647, -84.3990

Protanopia

200.3400, -9.0416, 6.7178

Deuteranopia

202.2730, -0.6276, 14.6696



Tritanopia

184.4710, 25.4038, -74.9581

Trichromacy



Original Color

178.2360, 8.2647, -84.3990



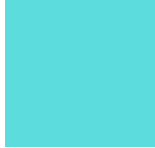
Protanomaly

192.4390, -2.6814, -26.6950



Deuteranomaly

193.5520, 2.6859, -21.5321



Tritanomaly

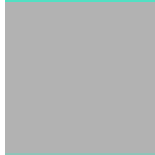
182.1410, 19.1575, -78.1767

Monochromacy



Original Color

178.2360, 8.2647, -84.3990



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1980, 2.8604, -30.8686

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2360, 8.2647, -84.3990 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(82, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(82, 224, 195)  
}
```

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(82, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 224, 195) }
```

Border

The CSS property to change the border of an element to YUV 178.2360, 8.2647, -84.3990 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(82, 224, 195) }
```


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

```
.border{ border-color:rgb(82, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(82, 224,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 178.2360, 8.2647, -84.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 224, 195) }
```

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

```
.background{ background-color: rgb(82, 224,  
195) }
```

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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