

Converting Colors

YUV(178.4380, 5.2071,
-83.6991)

Have a look what the booklet for
YUV(178.4380, 5.2071, -83.6991)
contains.

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Color

**YUV(178.4380, 5.2071,
-83.6991)**

Conversions

Conversions Part 1

Format	Color
Hex	53E1BD
RGB	83, 225, 189
RGB Percent	33%, 88%, 74%
CMY	0.6745, 0.1176, 0.2588
CMYK	0.63, 0.00, 0.16, 0.12
HSL	165°, 70%, 60%
HSV	165°, 63%, 88%
XYZ	39.6778, 59.3636, 57.5112
YIQ	178.4380, -73.0760, -41.3000

Conversions

Conversions Part 2

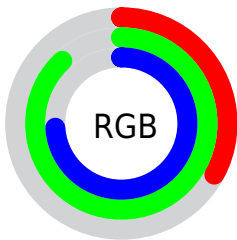
Format	Color
R_{YB}	83, 164, 225
Decimal	5497277
CIE _{Lab}	81.49, -46.53, 6.42
CIE _{LCh}	81, 46.975, 172.146
Yxy	59.3636, 0.2534, 0.3792
Android (android.graphics.Color)	4283687357 (0xFF53E1BD)
YUV	178.4380, 5.2071, -83.6991
Hunter-Lab	77.0477, -42.9102, 9.6772

Details

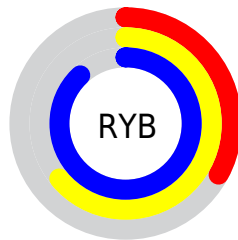
The YUV color **178.4380, 5.2071, -83.6991** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **129.5620, -5.2071, 83.6991**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2690, 11.6994, -66.0109**, and **114.7070, 10.4974, -100.5980** is the 20% darker color. If you saturate the color by 10%, you get **170.8770, 5.9766, -97.2391**, and if you desaturate by 10%, it is **185.9990, 4.4375, -70.1591**.

Distribution



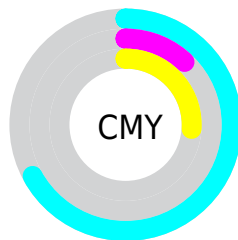
- Red (33%)
- Green (88%)
- Blue (74%)



- Red (33%)
- Yellow (64%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4380, 5.2071, -83.6991 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 178.4380, 5.2071, -83.6991 by changing the saturation by 10% instead.

178.4380, 5.2071,
-83.6991

178.4380, 5.2071,
-83.6991

255.0000, 0.0000,
0.0000

147.5620, 7.1179,
-89.9469

221.2690, 11.6994,
-66.0109

114.7070, 10.4974,
-100.5980

231.3790, 11.6452,
-48.5674

95.8940, 6.9543,
-84.0990

240.6480, 7.0755,
-29.5093

77.3090, 4.2847,
-67.8000

249.6180, 2.6533,
-11.0660

60.0120, 1.4731,
-52.6305

42.8290, -0.9017,
-37.5610

27.5210, -3.7079,

-24.1359

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 178.4380, 5.2071,
-83.6991

■ 178.4380, 5.2071,
-83.6991

■ 170.8770, 5.9766,
-97.2391

■ 185.9990, 4.4375,
-70.1591

■ 163.7290, 7.0356,
-110.2643

■ 193.1470, 3.3785,
-57.1339


■ 156.4670, 7.6578,
-123.1896


■ 200.7080, 2.6090,
-43.5939


■ 151.2270, 8.2691,
-132.6261

■ 207.9700, 1.9868,
-30.6687

 215.2320, 1.3646,
-17.7435

 222.6790, 0.1583,
-4.1035

 229.9410, -0.4639,
8.8217

 235.1100, -0.0542,
17.4435

 235.6800, 2.1298,
16.9436

Harmonies

Analogous

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



189.8510, -21.1255, -37.5803



178.4380, 5.2071, -83.6991



158.7510, 37.0978, -139.2246

Triad

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



178.4380, 5.2071, -83.6991



200.3450, 26.9449, -9.0726



197.2950, -30.7114, 50.6073

Complementary

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



178.4380, 5.2071, -83.6991



129.5620, -5.2071, 83.6991

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.



195.0560, -11.3666, 52.5709



178.4380, 5.2071, -83.6991



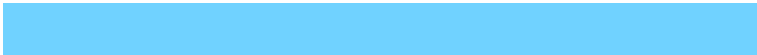
207.9960, 23.1730, 34.2065

Square

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



178.4380, 5.2071, -83.6991



185.8280, 34.1018, -64.7472



200.0720, 7.8525, 48.1719



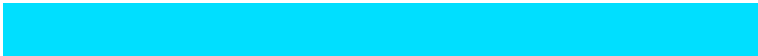
200.2210, -42.0140, 35.7632

Rectangle

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



178.4380, 5.2071, -83.6991



159.9710, 46.8493, -140.2946



200.0720, 7.8525, 48.1719



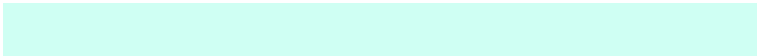
196.0870, -25.1859, 51.6667

Sweetspot

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



178.4380, 5.2071, -83.6991



239.2800, 1.8340, -28.3096



177.7160, -46.6950, -49.7399



118.1180, 0.9278, -17.6435



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.



178.4380, 5.2071, -83.6991



191.4080, 7.1939, -114.3678



163.1710, 30.4817, -70.3100



108.3690, 0.3111, -6.4626



118.2460, 6.2877, -103.7017



32.2800, 1.8340, -28.3096

Inverse Universe

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



129.5620, -5.2071, 83.6991



124.5920, -7.1939, 114.3678



144.8290, -30.4817, 70.3100



104.6310, -0.3111, 6.4626



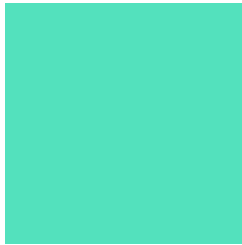
57.7540, -6.2877, 103.7017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 178.4380, 5.2071, -83.6991 looks on a white background.

Color Contrast Check

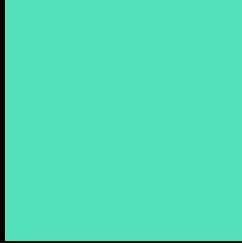
Large Text (above 18pt) WCAG AA × Fail

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 178.4380, 5.2071, -83.6991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

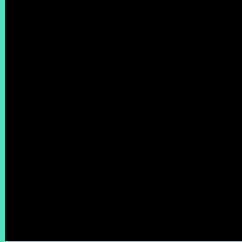
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

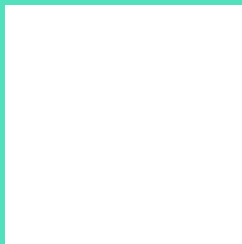
Any Text WCAG AAA ✓ Pass

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

YUV 178.4380, 5.2071, -83.6991 Background



This preview shows how black text looks on a background with the YUV color 178.4380, 5.2071, -83.6991.



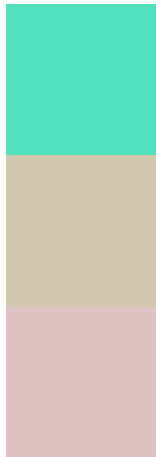
This preview shows how white text looks on a background with the YUV color 178.4380, 5.2071,

-83.6991.

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

178.4380, 5.2071, -83.6991

Protanopia

200.2540, -11.9572, 8.5472

Deuteranopia

202.6000, -3.2538, 17.0138



Tritanopia

185.3680, 24.9616, -73.1137

Trichromacy



Original Color

178.4380, 5.2071, -83.6991



Protanomaly

192.3530, -5.5970, -24.8656



Deuteranomaly

193.4660, -0.2297, -19.7027



Tritanomaly

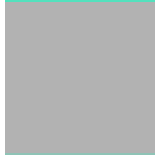
183.0980, 17.6997, -77.2619

Monochromacy



Original Color

178.4380, 5.2071, -83.6991



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9700, 1.9868, -30.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4380, 5.2071, -83.6991 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(83, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(83, 225, 189)  
}
```

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(83, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 225, 189) }
```

Border

The CSS property to change the border of an element to YUV 178.4380, 5.2071, -83.6991 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(83, 225, 189) }
```


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

```
.border{ border-color:rgb(83, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(83, 225,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 178.4380, 5.2071, -83.6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 225, 189) }
```

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

```
.background{ background-color: rgb(83, 225,  
189) }
```

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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