

Converting Colors

YUV(173.7680, 11.4534,
-80.4805)

Have a look what the booklet for
YUV(173.7680, 11.4534, -80.4805)
contains.

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Color

**YUV(173.7680, 11.4534,
-80.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	52D8C5
RGB	82, 216, 197
RGB Percent	32%, 85%, 77%
CMY	0.6784, 0.1529, 0.2275
CMYK	0.62, 0.00, 0.09, 0.15
HSL	171°, 63%, 58%
HSV	171°, 62%, 85%
XYZ	38.1136, 54.9368, 61.4184
YIQ	173.7680, -73.7650, -34.3170

Conversions

Conversions Part 2

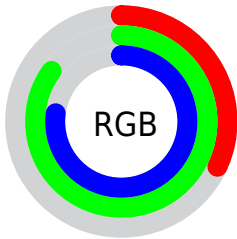
Format	Color
R _Y B	82, 154, 216
Decimal	5429445
CIE Lab	79.00, -40.79, -1.45
CIE LCh	79, 40.820, 182.034
Yxy	54.9368, 0.2467, 0.3556
Android (android.graphics.Color)	4283619525 (0xFF52D8C5)
YUV	173.7680, 11.4534, -80.4805
Hunter-Lab	74.1194, -37.9208, 2.7534

Details

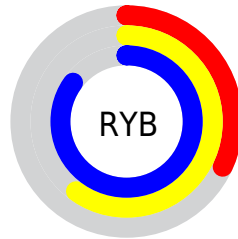
The YUV color **173.7680, 11.4534, -80.4805** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.2320, -11.4534, 80.4805**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9960, 15.7780, -67.5255**, and **110.2220, 16.1596, -96.6647** is the 20% darker color. If you saturate the color by 10%, you get **166.8480, 13.3859, -93.7057**, and if you desaturate by 10%, it is **180.6880, 9.5208, -67.2554**.

Distribution



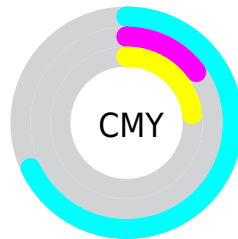
- Red (32%)
- Green (85%)
- Blue (77%)



- Red (32%)
- Yellow (60%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (68%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7680, 11.4534, -80.4805 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 173.7680, 11.4534, -80.4805 by changing the saturation by 10% instead.

■ 173.7680, 11.4534,
-80.4805

■ 173.7680, 11.4534,
-80.4805

■ 255.0000, 0.0000,
0.0000

■ 142.8920, 13.3642,
-86.7283

■ 221.9960, 15.7780,
-67.5255

■ 110.2220, 16.1596,
-96.6647

■ 231.0800, 11.7926,
-49.1822

■ 92.1100, 12.7638,
-80.7805

■ 240.0500, 7.3704,
-30.7388

■ 73.9980, 9.3680,
-64.8962

■ 249.0200, 2.9481,
-12.2955

■ 56.7010, 6.5564,
-49.7268

■ 39.9910, 3.4554,
-35.0721

■ 25.3840, 0.7967,

-22.2618

■ 0.0000, 0.0000,
0.0000

■ 173.7680, 11.4534,
-80.4805

■ 173.7680, 11.4534,
-80.4805

■ 166.8480, 13.3859,
-93.7057

■ 180.6880, 9.5208,
-67.2554

■ 160.2270, 15.1711,
-106.3161

■ 187.3090, 7.7357,
-54.6450

■ 153.3070, 17.1036,
-119.5412

■ 194.2290, 5.8031,
-41.4198

■ 147.8820, 18.2992,
-129.6925

■ 200.8500, 4.0180,
-28.8094

■ 207.7700, 2.0854,
-15.5843

■ 214.6900, 0.1528,
-2.3591

■ 221.3110, -1.6323,
10.2513

■ 228.3450, -3.1281,
23.3764

■ 228.6870, -1.8177,
23.0765

Harmonies

Analogous

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



182.9240, -11.7945, -43.7833



173.7680, 11.4534, -80.4805



164.9550, 34.5322, -109.5855

Triad

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



173.7680, 11.4534, -80.4805



198.3620, 27.9225, 4.0675



195.7030, -32.8846, 47.6185

Complementary

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



173.7680, 11.4534, -80.4805



124.2320, -11.4534, 80.4805

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.



193.9330, -18.2080, 53.5558



173.7680, 11.4534, -80.4805



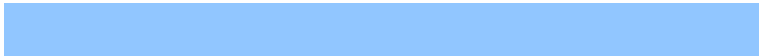
200.9660, 15.2998, 39.4948

Square

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



173.7680, 11.4534, -80.4805



188.6510, 32.7101, -38.2819



195.8030, -0.8889, 51.9158



192.6260, -36.2976, 22.2530

Rectangle

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



173.7680, 11.4534, -80.4805



170.4540, 41.1882, -97.7452



195.8030, -0.8889, 51.9158



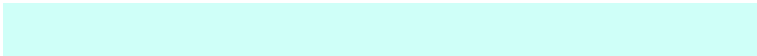
195.7620, -28.9697, 51.9517

Sweetspot

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



173.7680, 11.4534, -80.4805



239.8500, 4.0180, -28.8094



166.6380, -41.7265, -56.6875



118.4600, 2.2382, -17.9434



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.



173.7680, 11.4534, -80.4805



195.4110, 16.0664, -113.4934



148.3450, 33.3539, -58.1846



103.5970, 1.1847, -6.6626



117.1350, 14.7234, -102.7274



29.4590, 3.7177, -25.8355

Inverse Universe

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



124.2320, -11.4534, 80.4805



125.5890, -16.0664, 113.4934



149.6550, -33.3539, 58.1846



99.5170, -0.7479, 6.5626



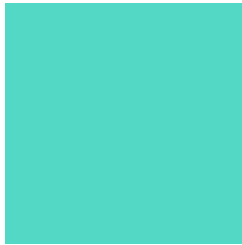
53.8650, -14.7234, 102.7274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 173.7680, 11.4534, -80.4805 looks on a white background.

Color Contrast Check

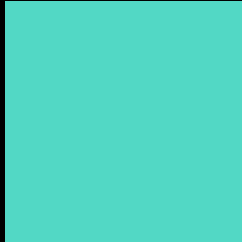
Large Text (above 18pt) WCAG AA × Fail

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 173.7680, 11.4534, -80.4805 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

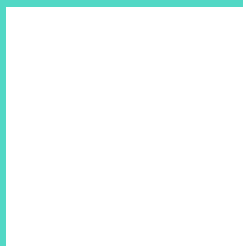
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.7680, 11.4534, -80.4805

Background



This preview shows how black text looks on a background with the YUV color 173.7680, 11.4534, -80.4805.



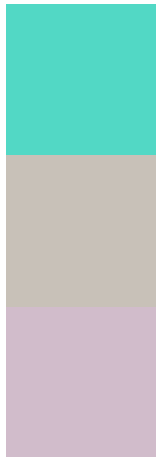
This preview shows how white text looks on a background with the YUV color 173.7680, 11.4534, -80.4805.

-80.4805.

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

173.7680, 11.4534, -80.4805

Protanopia

194.0670, -4.9630, 5.2032

Deuteranopia

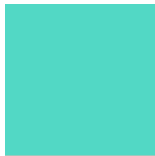
195.9890, 3.4564, 11.4106



Tritanopia

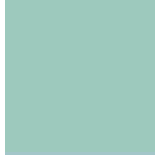
178.3680, 24.9616, -73.1137

Trichromacy



Original Color

173.7680, 11.4534, -80.4805



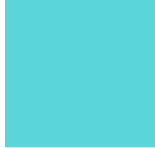
Protanomaly

186.4760, 1.2443, -25.8505



Deuteranomaly

187.8770, 6.4696, -21.8171



Tritanomaly

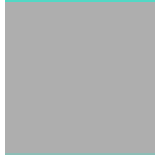
176.6790, 19.8783, -76.0175

Monochromacy



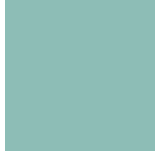
Original Color

173.7680, 11.4534, -80.4805



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8500, 4.0180, -28.8094

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7680, 11.4534, -80.4805 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, 216, 197)` looks like.

```
.text, #text, p{  
    color:rgb(82, 216, 197)  
}
```

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, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 216, 197) }
```

Border

The CSS property to change the border of an element to YUV 173.7680, 11.4534, -80.4805 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, 216, 197) }
```


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

```
.border{ border-color:rgb(82, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(82, 216,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 173.7680, 11.4534, -80.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 216, 197) }
```

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

```
.background{ background-color: rgb(82, 216,  
197) }
```

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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