

Converting Colors

YUV(180.3740, 19.0426,
-88.0280)

Have a look what the booklet for
YUV(180.3740, 19.0426, -88.0280)
contains.

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Color

**YUV(180.3740, 19.0426,
-88.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	50E0DB
RGB	80, 224, 219
RGB Percent	31%, 88%, 86%
CMY	0.6863, 0.1216, 0.1412
CMYK	0.64, 0.00, 0.02, 0.12
HSL	178°, 70%, 60%
HSV	178°, 64%, 88%
XYZ	42.7501, 60.1313, 76.3712
YIQ	180.3740, -84.2190, -32.0830

Conversions

Conversions Part 2

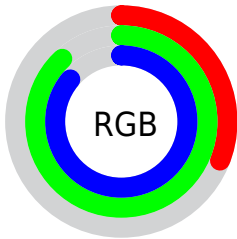
Format	Color
RYB	80, 153, 224
Decimal	5300443
CIELab	81.91, -38.93, -8.89
CIElCh	82, 39.934, 192.863
Yxy	60.1313, 0.2385, 0.3355
Android (android.graphics.Color)	4283490523 (0xFF50E0DB)
YUV	180.3740, 19.0426, -88.0280
Hunter-Lab	77.5443, -37.2958, -4.1119

Details

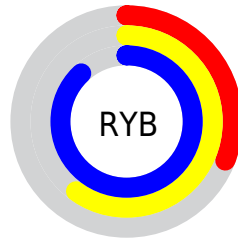
The YUV color **180.3740, 19.0426, -88.0280** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **123.6260, -19.0426, 88.0280**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **117.3120, 23.0172, -102.8826** is the 20% darker color. If you saturate the color by 10%, you get **173.6820, 21.8488, -101.4531**, and if you desaturate by 10%, it is **187.0660, 16.2365, -74.6029**.

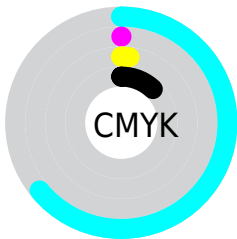
Distribution



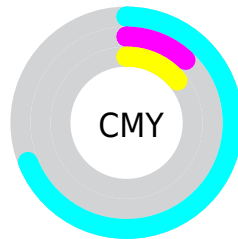
- Red (31%)
- Green (88%)
- Blue (86%)



- Red (31%)
- Yellow (60%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (69%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3740, 19.0426, -88.0280 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 180.3740, 19.0426, -88.0280 by changing the saturation by 10% instead.

180.3740, 19.0426,
-88.0280

180.3740, 19.0426,
-88.0280

255.0000, 0.0000,
0.0000

148.1880, 21.1063,
-96.6349

222.1100, 16.2148,
-67.6255

117.3120, 23.0172,
-102.8826

231.3790, 11.6452,
-48.5674

98.4990, 19.4740,
-86.3836

240.6480, 7.0755,
-29.5093

80.2730, 15.6414,
-70.3994

249.9170, 2.5059,
-10.4512

62.8620, 12.3930,
-55.1300

45.5650, 9.5815,
-39.9605

30.1430, 6.3385,

-26.4354

■ 10.8400, 5.9949,
-9.5067

■ 0.0000, 0.0000,
0.0000

■ 180.3740, 19.0426,
-88.0280

■ 180.3740, 19.0426,
-88.0280

■ 173.6820, 21.8488,
-101.4531

■ 187.0660, 16.2365,
-74.6029

■ 166.6910, 24.8023,
-115.4930

■ 194.0570, 13.2829,
-60.5630

■ 160.1130, 28.0453,
-129.0181

■ 200.6350, 10.0399,
-47.0379

■ 156.1120, 29.5248,
-136.9102

■ 207.6260, 7.0864,
-32.9980

■ 214.3180, 4.2802,
-19.5729

■ 221.0100, 1.4741,
-6.1478

■ 227.8870, -1.9163,
7.9921

■ 233.3830, -4.1328,
18.9581

■ 233.4970, -3.6960,
18.8581

Harmonies

Analogous

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



188.2090, -4.0470, -55.4343



180.3740, 19.0426, -88.0280



178.9010, 36.5308, -97.2602

Triad

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



180.3740, 19.0426, -88.0280



207.8970, 23.2218, 18.5073



203.1920, -34.6047, 39.2966

Complementary

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



180.3740, 19.0426, -88.0280



123.6260, -19.0426, 88.0280

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.



200.6350, -22.9911, 47.6781



180.3740, 19.0426, -88.0280



206.6090, 10.0528, 42.4389

Square

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



180.3740, 19.0426, -88.0280



200.5670, 26.8355, -20.6683



200.5160, -5.6774, 47.7825



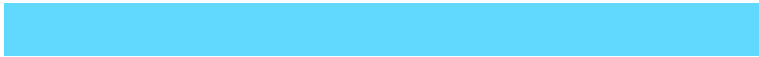
200.0160, -34.5179, 11.3870

Rectangle

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



180.3740, 19.0426, -88.0280



185.4520, 34.2872, -77.5724



200.5160, -5.6774, 47.7825



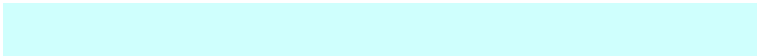
203.5070, -32.2950, 45.1594

Sweetspot

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



180.3740, 19.0426, -88.0280



240.4200, 6.2019, -29.3093



166.6210, -42.7042, -69.8276



118.8020, 3.5486, -18.2434



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.



180.3740, 19.0426, -88.0280



195.5980, 25.8342, -119.7964



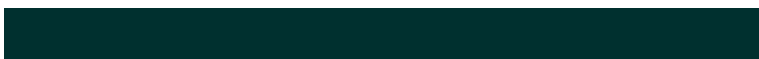
142.7890, 40.0370, -55.0660



108.7110, 1.6215, -6.7625



122.6920, 23.3228, -107.6009



33.5340, 6.6387, -29.4093

Inverse Universe

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



123.6260, -19.0426, 88.0280



118.2880, -26.2710, 119.8964



161.2110, -40.0370, 55.0660



104.2890, -1.6215, 6.7625



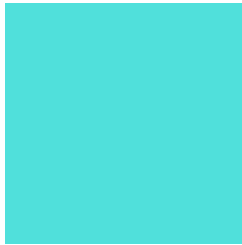
53.3080, -23.3228, 107.6009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 180.3740, 19.0426, -88.0280 looks on a white background.

Color Contrast Check

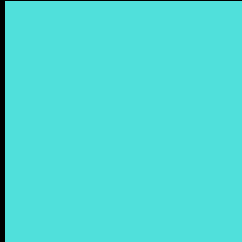
Large Text (above 18pt) WCAG AA × Fail

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 180.3740, 19.0426, -88.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

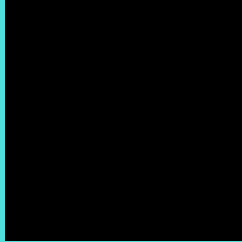
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

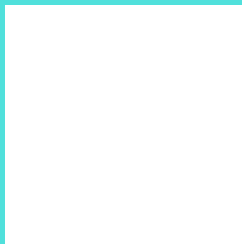
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.3740, 19.0426, -88.0280

Background



This preview shows how black text looks on a background with the YUV color 180.3740, 19.0426, -88.0280.

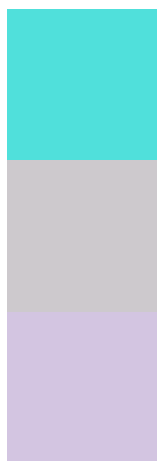


This preview shows how white text looks on a background with the YUV color 180.3740, 19.0426, -88.0280.

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

180.3740, 19.0426, -88.0280

Protanopia

202.6520, 1.1576, 2.0592

Deuteranopia

204.3780, 10.1666, 5.8075



Tritanopia

183.8830, 27.1727, -82.3354

Trichromacy



Original Color

180.3740, 19.0426, -88.0280



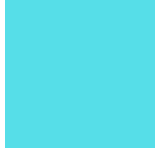
Protanomaly

194.4630, 7.6597, -30.2241



Deuteranomaly

195.6680, 13.4747, -28.6498



Tritanomaly

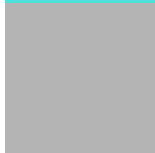
182.4760, 24.4153, -84.6095

Monochromacy



Original Color

180.3740, 19.0426, -88.0280



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.2240, 6.7916, -31.7684

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3740, 19.0426, -88.0280 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(80, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(80, 224, 219)  
}
```

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(80, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 224, 219) }
```

Border

The CSS property to change the border of an element to YUV 180.3740, 19.0426, -88.0280 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(80, 224, 219) }
```


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

```
.border{ border-color:rgb(80, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(80, 224,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 180.3740, 19.0426, -88.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 224, 219) }
```

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

```
.background{ background-color: rgb(80, 224,  
219) }
```

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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