

Converting Colors

YUV(180.8040, 6.9986,
-51.5711)

Have a look what the booklet for
YUV(180.8040, 6.9986, -51.5711)
contains.

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Color

**YUV(180.8040, 6.9986,
-51.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD0C3
RGB	122, 208, 195
RGB Percent	48%, 82%, 76%
CMY	0.5216, 0.1843, 0.2353
CMYK	0.41, 0.00, 0.06, 0.18
HSL	171°, 48%, 65%
HSV	171°, 41%, 82%
XYZ	40.4322, 53.1895, 59.7653
YIQ	180.8040, -47.0830, -22.2750

Conversions

Conversions Part 2

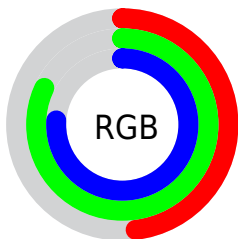
Format	Color
RYB	122, 169, 208
Decimal	8048835
CIELab	77.99, -29.08, -1.71
CIElCh	78, 29.126, 183.363
Yxy	53.1895, 0.2636, 0.3468
Android (android.graphics.Color)	4286238915 (0xFF7AD0C3)
YUV	180.8040, 6.9986, -51.5711
Hunter-Lab	72.9311, -28.6709, 2.4650

Details

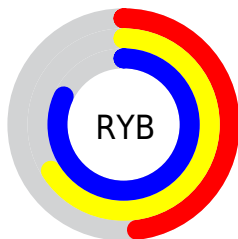
The YUV color **180.8040, 6.9986, -51.5711** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.1960, -6.9986, 51.5711**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5210, 9.6031, -46.9379**, and **125.6190, 7.5828, -52.2859** is the 20% darker color. If you saturate the color by 10%, you get **174.1830, 8.7838, -64.1815**, and if you desaturate by 10%, it is **187.4250, 5.2135, -38.9607**.

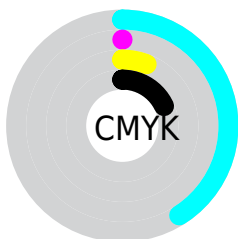
Distribution



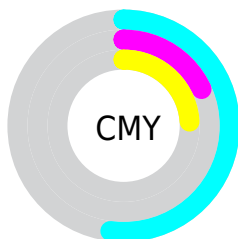
- Red (48%)
- Green (82%)
- Blue (76%)



- Red (48%)
- Yellow (66%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8040, 6.9986, -51.5711 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 180.8040, 6.9986, -51.5711 by changing the saturation by 10% instead.

■ 180.8040, 6.9986,
-51.5711

■ 180.8040, 6.9986,
-51.5711

255.0000, 0.0000,
0.0000

■ 152.9180, 7.4354,
-51.6711

■ 231.5210, 9.6031,
-46.9379

■ 125.6190, 7.5828,
-52.2859

■ 240.6480, 7.0755,
-29.5093

■ 98.2380, 8.7567,
-55.4597

■ 249.3190, 2.8007,
-11.6808

■ 70.2480, 10.2307,
-61.6075

■ 52.9510, 7.4192,
-46.4380

■ 36.9420, 4.4656,
-32.3981

■ 22.8080, 1.0807,

-20.0026

■ 0.0000, 0.0000,
0.0000

■ 180.8040, 6.9986,
-51.5711

■ 180.8040, 6.9986,
-51.5711

■ 174.1830, 8.7838,
-64.1815

■ 187.4250, 5.2135,
-38.9607

■ 167.5620, 10.5689,
-76.7919

■ 194.0460, 3.4283,
-26.3503

■ 161.2400, 12.2067,
-88.7875

■ 200.3680, 1.7906,
-14.3547

■ 154.5050, 13.5550,
-101.2979

■ 207.1030, 0.4422,
-1.8443

■ 147.8840, 15.3402,
-113.9083

■ 213.7240, -1.3429,
10.7661

■ 142.2740, 17.1199,
-124.7743

■ 220.3450, -3.1281,
23.3764

■ 223.0790, -2.9969,
27.9947

■ 223.4210, -1.6866,
27.6948

■ 223.7630, -0.3762,
27.3948

Harmonies

Analogous

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



184.6250, -8.1961, -31.2431



180.8040, 6.9986, -51.5711



180.0060, 20.7030, -60.5183

Triad

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



180.8040, 6.9986, -51.5711



195.8260, 20.7918, 4.5376



193.6180, -23.9687, 34.5380

Complementary

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



180.8040, 6.9986, -51.5711



149.1960, -6.9986, 51.5711

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.



195.5620, -15.5601, 44.2341



180.8040, 6.9986, -51.5711



197.5210, 10.0961, 28.4841

Square

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



180.8040, 6.9986, -51.5711



190.6590, 27.2831, -24.2569



196.8790, -2.8983, 43.0791



191.0410, -25.6562, 15.7500

Rectangle

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



180.8040, 6.9986, -51.5711



182.1190, 26.0703, -55.3554



196.8790, -2.8983, 43.0791



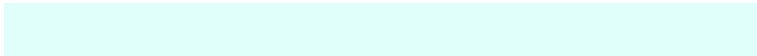
194.2210, -21.8010, 39.2712

Sweetspot

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



180.8040, 6.9986, -51.5711



245.1610, 2.3856, -18.5582



176.6680, -26.9513, -35.6658



122.2760, 1.3429, -10.7661



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.



180.8040, 6.9986, -51.5711



214.8610, 10.4215, -76.1771



165.2630, 21.0693, -37.9417



101.4830, 0.7479, -6.5626



114.9180, 13.8444, -100.7831



28.0570, 3.4229, -24.6060

Inverse Universe

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



149.1960, -6.9986, 51.5711



168.1390, -10.4215, 76.1771



164.7370, -21.0693, 37.9417



97.5170, -0.7479, 6.5626



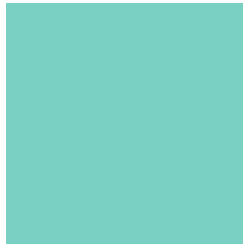
53.0820, -13.8444, 100.7831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 180.8040, 6.9986, -51.5711 looks on a white background.

Color Contrast Check

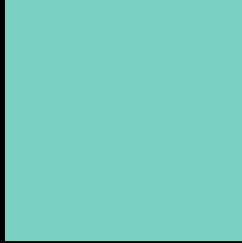
Large Text (above 18pt) WCAG AA × Fail

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 180.8040, 6.9986, -51.5711 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

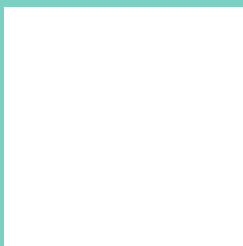
Any Text WCAG AAA ✓ Pass

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

YUV 180.8040, 6.9986, -51.5711 Background



This preview shows how black text looks on a background with the YUV color 180.8040, 6.9986, -51.5711.



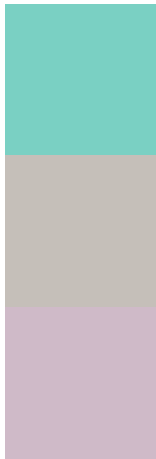
This preview shows how white text looks on a background with the YUV color 180.8040, 6.9986, -51.5711.

-51.5711.

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

180.8040, 6.9986, -51.5711

Protanopia

192.1100, -3.5052, 4.2885

Deuteranopia

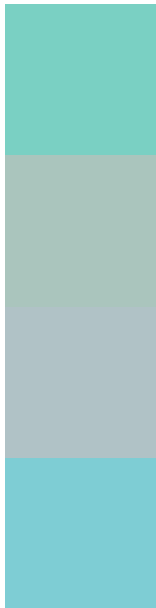
193.8750, 3.0196, 11.5106



Tritanopia

183.5130, 18.4811, -47.8079

Trichromacy



Original Color

180.8040, 6.9986, -51.5711

Protanomaly

188.0150, 0.4856, -15.7992

Deuteranomaly

189.0740, 4.4005, -11.4659

Tritanomaly

182.1770, 14.7027, -49.2672

Monochromacy



Original Color

180.8040, 6.9986, -51.5711

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1610, 2.3856, -18.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8040, 6.9986, -51.5711 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(122, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(122, 208, 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(122, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 208, 195) }
```

Border

The CSS property to change the border of an element to YUV 180.8040, 6.9986, -51.5711 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(122, 208, 195) }
```


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

```
.border{ border-color:rgb(122, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(122, 208,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 180.8040, 6.9986, -51.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 208, 195) }
```

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

```
.background{ background-color: rgb(122,  
208, 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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