

Converting Colors

YUV(176.1710, -3.0423,
-51.0160)

Have a look what the booklet for
YUV(176.1710, -3.0423, -51.0160)
contains.

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Color

**YUV(176.1710, -3.0423,
-51.0160)**

Conversions

Conversions Part 1	
Format	Color
Hex	76CFAA
RGB	118, 207, 170
RGB Percent	46%, 81%, 67%
CMY	0.5373, 0.1882, 0.3333
CMYK	0.43, 0.00, 0.18, 0.19
HSL	155°, 48%, 64%
HSV	155°, 43%, 81%
XYZ	37.0397, 51.3795, 45.9952
YIQ	176.1710, -41.1670, -30.3750

Conversions

Conversions Part 2

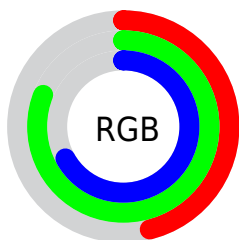
Format	Color
RYB	118, 174, 207
Decimal	7786410
CIELab	76.91, -35.25, 10.12
CIELCh	77, 36.678, 163.981
Yxy	51.3795, 0.2756, 0.3822
Android (android.graphics.Color)	4285976490 (0xFF76CFAA)
YUV	176.1710, -3.0423, -51.0160
Hunter-Lab	71.6795, -33.2008, 12.1305

Details

The YUV color **176.1710, -3.0423, -51.0160** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **148.8290, 3.0423, 51.0160**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3610, -1.1640, -46.7976**, and **121.2140, -1.5845, -51.9307** is the 20% darker color. If you saturate the color by 10%, you get **168.8660, -3.8779, -63.0265**, and if you desaturate by 10%, it is **183.4760, -2.2067, -39.0055**.

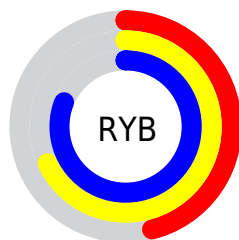
Distribution



Red (46%)

Green (81%)

Blue (67%)



Red (46%)

Yellow (68%)

Blue (81%)

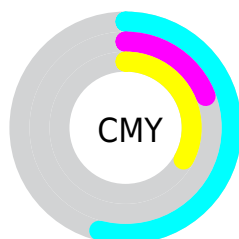


Cyan (43%)

Magenta (0%)

Yellow (18%)

Black (19%)



Cyan (54%)

Magenta (19%)


Yellow (33%)


Brightness & Saturation

Gradients

These gradients show how the YUV color 176.1710, -3.0423, -51.0160 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 176.1710, -3.0423, -51.0160 by changing the saturation by 10% instead.

 176.1710, -3.0423,
-51.0160


 176.1710, -3.0423,
-51.0160


255.0000, 0.0000,
0.0000


 148.3990, -2.1687,
-51.2159


 227.3610, -1.1640,
-46.7976


 121.2140, -1.5845,
-51.9307


 239.0390, 7.3758,
-32.4832

 93.8330, -0.4107,
-55.1045

 248.1230, 3.3904,
-14.1399


 66.6800, 1.6368,
-58.4784


 49.9700, -1.4642,
-43.8237


 33.4880, -3.6916,
-29.3690

 18.7840, -9.2605,

-16.4736

 0.0000, 0.0000,
0.0000

 176.1710, -3.0423,
-51.0160

 176.1710, -3.0423,
-51.0160


 168.8660, -3.8779,
-63.0265

 183.4760, -2.2067,
-39.0055


 161.9740, -4.4242,
-74.5222

 190.3680, -1.6604,
-27.5097


 154.6690, -5.2598,
-86.5327


 197.6730, -0.8248,
-15.4992


 147.4780, -5.6587,
-98.6432

 204.8640, -0.4260,
-3.3887


 140.4720, -6.6417,
-110.0389


 212.1690, 0.4097,
8.6218

 135.3030, -7.0514,
-118.6607

 219.1750, 1.3927,
20.0175

 223.9740, 2.9708,
27.2098

 225.0000, 6.9020,
26.3100

 225.9120, 10.3964,
25.5102

Harmonies

Analogous

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



182.0750, -20.7430, -20.2368



176.1710, -3.0423, -51.0160



169.3860, 17.5577, -78.3915

Triad

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



176.1710, -3.0423, -51.0160



189.6580, 32.2136, -18.9941



191.2550, -23.2967, 52.3964

Complementary

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



176.1710, -3.0423, -51.0160



148.8290, 3.0423, 51.0160

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.



192.4630, -8.6093, 54.8449



176.1710, -3.0423, -51.0160



193.9570, 22.2062, 17.5777

Square

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



176.1710, -3.0423, -51.0160



179.2680, 36.8429, -57.2400



194.5230, 7.1372, 44.2683



188.9680, -31.5362, 35.1081

Rectangle

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



176.1710, -3.0423, -51.0160



167.7190, 29.2255, -87.4536



194.5230, 7.1372, 44.2683



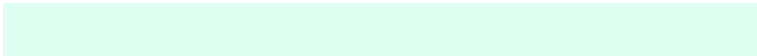
192.4170, -18.9396, 54.8853

Sweetspot

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



176.1710, -3.0423, -51.0160



243.5370, -1.2507, -18.8879



181.3060, -31.2099, -23.0704



120.6950, -0.8356, -12.0105



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.



176.1710, -3.0423, -51.0160



208.9630, -4.4188, -76.2666



176.2800, 15.1450, -51.1116



101.1410, -0.5625, -6.2627



109.7880, -5.8115, -96.2841



26.8030, -1.3819, -23.5062

Inverse Universe

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



148.8290, 3.0423, 51.0160



168.1510, 4.8556, 76.1666



148.7200, -15.1450, 51.1116



97.7450, 0.1257, 6.3626



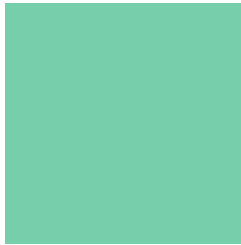
58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 176.1710, -3.0423, -51.0160 looks on a white background.

Color Contrast Check

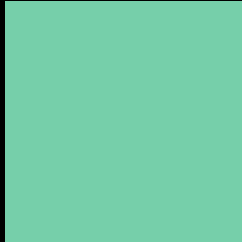
Large Text (above 18pt) WCAG AA × Fail

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 176.1710, -3.0423, -51.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

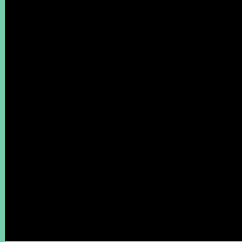
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.1710, -3.0423, -51.0160

Background



This preview shows how black text looks on a background with the YUV color 176.1710, -3.0423, -51.0160.

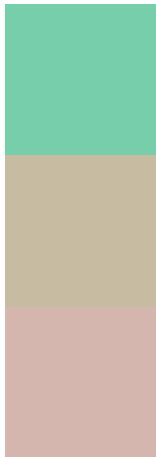


This preview shows how white text looks on a background with the YUV color 176.1710, -3.0423, -51.0160.

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

176.1710, -3.0423, -51.0160

Protanopia

188.2110, -13.4150, 9.4620

Deuteranopia

190.1720, -7.4798, 19.1432




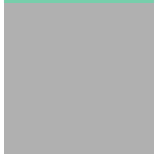
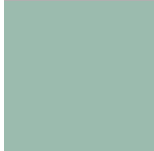
Tritanopia

181.5950, 17.4547, -45.2488

Trichromacy

	Original Color 176.1710, -3.0423, -51.0160
	Protanomaly 183.9910, -9.8556, -12.2701
	Deuteranomaly 185.0610, -5.9461, -6.1925
	Tritanomaly 179.6350, 10.0399, -47.0379

Monochromacy

	Original Color 176.1710, -3.0423, -51.0160
	Achromatopsia 176.0000, 0.0000, 0.0000
	Achromatomaly 175.9500, -0.9613, -18.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1710, -3.0423, -51.0160 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(118, 207, 170)` looks like.

```
.text, #text, p{  
    color:rgb(118, 207, 170)  
}
```

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(118, 207, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 207, 170) }
```

Border

The CSS property to change the border of an element to YUV 176.1710, -3.0423, -51.0160 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(118, 207, 170) }
```


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

```
.border{ border-color:rgb(118, 207, 170) }
```

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

Here you see how a box with a 4 pixel rgb(118, 207, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 207, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 207, 170);  
box-shadow:4px 4px 4px 4px rgb(118, 207,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 176.1710, -3.0423, -51.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 207, 170) }
```

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

```
.background{ background-color: rgb(118,  
207, 170) }
```

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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