

Converting Colors

YUV(128.4760, 17.5133,
-110.9195)

Have a look what the booklet for
YUV(128.4760, 17.5133, -110.9195)
contains.

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Color

**YUV(128.4760, 17.5133,
-110.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	02BAA4
RGB	2, 186, 164
RGB Percent	1%, 73%, 64%
CMY	0.9922, 0.2706, 0.3569
CMYK	0.99, 0.00, 0.12, 0.27
HSL	173°, 98%, 37%
HSV	173°, 99%, 73%
XYZ	24.2848, 37.8111, 41.1403
YIQ	128.4760, -102.6020, -45.8500

Conversions

Conversions Part 2

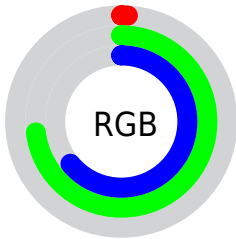
Format	Color
R_{YB}	2, 100, 186
Decimal	178852
CIE _{Lab}	67.88, -44.28, 0.03
CIE _{LCh}	68, 44.282, 179.955
Yxy	37.8111, 0.2352, 0.3663
Android (android.graphics.Color)	4278368932 (0xFF02BAA4)
YUV	128.4760, 17.5133, -110.9195
Hunter-Lab	61.4907, -37.1129, 3.3756

Details

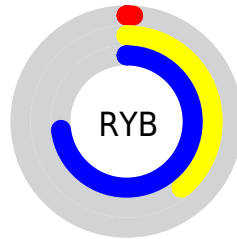
The YUV color **128.4760, 17.5133, -110.9195** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **59.5240, -17.5133, 110.9195**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2080, 10.7435, -86.1284**, and **90.2520, 10.7218, -79.1510** is the 20% darker color. If you saturate the color by 10%, you get **127.8780, 17.8081, -112.1490**, and if you desaturate by 10%, it is **134.3850, 15.5862, -99.4386**.

Distribution



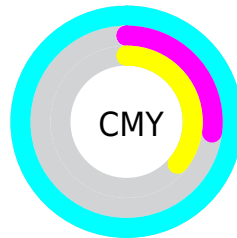
- Red (1%)
- Green (73%)
- Blue (64%)



- Red (1%)
- Yellow (39%)
- Blue (73%)



- Cyan (99%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (99%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4760, 17.5133, -110.9195 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 128.4760, 17.5133, -110.9195 by changing the saturation by 10% instead.

■ 128.4760, 17.5133,
-110.9195

■ 128.4760, 17.5133,
-110.9195

■ 255.0000, 0.0000,
0.0000

■ 109.0650, 14.2650,
-95.6500

■ 197.2080, 10.7435,
-86.1284

■ 90.2520, 10.7218,
-79.1510

■ 217.0120, 14.7841,
-75.4325

■ 72.2540, 7.7628,
-63.3668

■ 227.1930, 13.7089,
-57.1743

■ 54.9570, 4.9512,
-48.1973

■ 236.1630, 9.2866,
-38.7310

■ 37.7740, 2.5764,
-33.1278

■ 245.4320, 4.7170,
-19.6729

■ 23.0530, -0.5191,
-20.2175

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 128.4760, 17.5133,
-110.9195

■ 128.4760, 17.5133,
-110.9195

■ 127.8780, 17.8081,
-112.1490

■ 134.3850, 15.5862,
-99.4386

■ 139.9950, 13.8065,
-88.5726

■ 146.0180, 12.3161,
-77.1918

■ 151.6280, 10.5364,
-66.3258

■ 157.5370, 8.6093,
-54.8449

■ 163.4460, 6.6821,
-43.3641

■ 169.1700, 5.3392,
-32.5981

■ 175.0790, 3.4121,
-21.1173

■ 180.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



151.4570, -13.5363, -45.1278



128.4760, 17.5133, -110.9195



131.8510, 35.5695, -115.6333

Triad

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



128.4760, 17.5133, -110.9195



168.3060, 32.8801, 0.6086



164.8990, -33.4742, 50.0776

Complementary

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



128.4760, 17.5133, -110.9195



59.5240, -17.5133, 110.9195

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.



166.7710, -19.1141, 64.2218



128.4760, 17.5133, -110.9195



170.5360, 17.4838, 38.9949

Square

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



128.4760, 17.5133, -110.9195



156.7340, 43.5151, -50.6327



168.5700, -0.7740, 61.7671



162.0670, -38.4870, 24.4972

Rectangle

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



128.4760, 17.5133, -110.9195



132.5980, 46.0472, -116.2884



168.5700, -0.7740, 61.7671



165.3820, -29.2753, 56.6700

Sweetspot

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



128.4760, 17.5133, -110.9195



219.5600, 7.1189, -43.4641



117.4830, -56.9331, -79.3536



108.2740, 4.3019, -26.5503



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.4760, 17.5133, -110.9195



166.3360, 23.0054, -145.8767



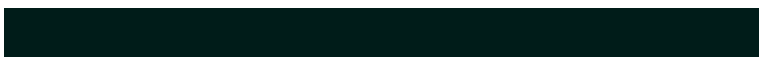
91.6550, 46.5121, -78.6274



89.1950, 0.8899, -5.4330



107.1900, 14.6963, -94.0056



19.2860, 2.8170, -16.9138

Inverse Universe

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



59.5240, -17.5133, 110.9195



75.6640, -23.0054, 145.8767



96.3450, -46.5121, 78.6274



85.8050, -0.8899, 5.4330



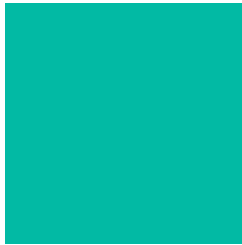
48.8100, -14.6963, 94.0056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 128.4760, 17.5133, -110.9195 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 128.4760, 17.5133, -110.9195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

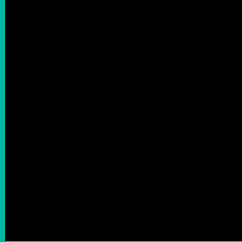
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

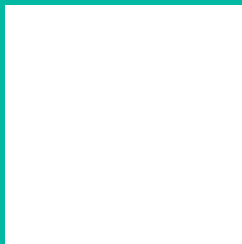
Any Text WCAG AAA ✓ Pass

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

YUV 128.4760, 17.5133, -110.9195 Background



This preview shows how black text looks on a background with the YUV color 128.4760, 17.5133, -110.9195.

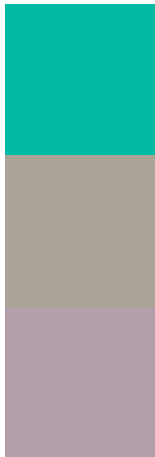


This preview shows how white text looks on a background with the YUV color 128.4760, 17.5133, -110.9195.

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

128.4760, 17.5133, -110.9195

Protanopia

164.4260, -6.1260, 4.8884

Deuteranopia

165.9350, 2.0040, 10.5810



Tritanopia

143.2420, 26.0097, -82.6502

Trichromacy



Original Color

128.4760, 17.5133, -110.9195



Protanomaly

151.3390, 2.2979, -37.1313



Deuteranomaly

152.4410, 7.6706, -33.7128



Tritanomaly

137.9650, 22.6953, -92.9313

Monochromacy



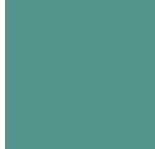
Original Color

128.4760, 17.5133, -110.9195



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.0550, 6.3819, -40.3902

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4760, 17.5133, -110.9195 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(2, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(2, 186, 164)  
}
```

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(2, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 186, 164) }
```

Border

The CSS property to change the border of an element to YUV 128.4760, 17.5133, -110.9195 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(2, 186, 164) }
```


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

```
.border{ border-color:rgb(2, 186, 164) }
```

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

Here you see how a box with a 4 pixel rgb(2, 186, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(2, 186,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 128.4760, 17.5133, -110.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 186, 164) }
```

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

```
.background{ background-color: rgb(2, 186,  
164) }
```

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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