

Converting Colors

YUV(128.6930, 18.3924,
-112.8638)

Have a look what the booklet for
YUV(128.6930, 18.3924, -112.8638)
contains.

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Color

**YUV(128.6930, 18.3924,
-112.8638)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBA6
RGB	0, 187, 166
RGB Percent	0%, 73%, 65%
CMY	1.0000, 0.2667, 0.3490
CMYK	1.00, 0.00, 0.11, 0.27
HSL	173°, 100%, 37%
HSV	173°, 100%, 73%
XYZ	24.6533, 38.2938, 42.1685
YIQ	128.6930, -104.7110, -46.1750

Conversions

Conversions Part 2

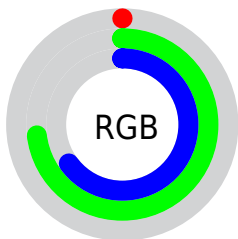
Format	Color
RYB	0, 99, 187
Decimal	48038
CIELab	68.24, -44.22, -0.55
CIElCh	68, 44.221, 180.709
Yxy	38.2938, 0.2345, 0.3643
Android (android.graphics.Color)	4278238118 (0xFF00BBA6)
YUV	128.6930, 18.3924, -112.8638
Hunter-Lab	61.8820, -37.1806, 2.9152

Details

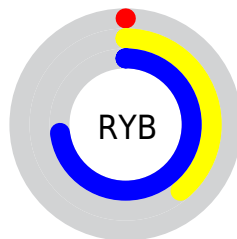
The YUV color **128.6930, 18.3924, -112.8638** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **58.3070, -18.3924, 112.8638**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0230, 11.3277, -86.8432**, and **91.0670, 11.3060, -79.8658** is the 20% darker color. If you saturate the color by 10%, you get **128.6930, 18.3924, -112.8638**, and if you desaturate by 10%, it is **134.6020, 16.4652, -101.3830**.

Distribution



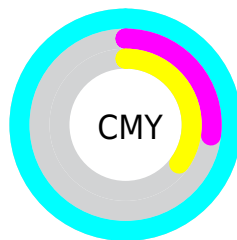
- Red (0%)
- Green (73%)
- Blue (65%)



- Red (0%)
- Yellow (39%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6930, 18.3924, -112.8638 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 128.6930, 18.3924, -112.8638 by changing the saturation by 10% instead.

■ 128.6930, 18.3924,
-112.8638

■ 128.6930, 18.3924,
-112.8638

■ 255.0000, 0.0000,
0.0000

■ 109.8800, 14.8492,
-96.3648

■ 198.0230, 11.3277,
-86.8432

■ 91.0670, 11.3060,
-79.8658

■ 217.3540, 16.0945,
-75.7325

■ 73.0690, 8.3470,
-64.0815

■ 227.1930, 13.7089,
-57.1743

■ 55.6580, 5.0986,
-48.8121

■ 236.4620, 9.1392,
-38.1162

■ 38.4750, 2.7238,
-33.7426

■ 245.4320, 4.7170,
-19.6729

■ 23.8680, 0.0651,
-20.9322

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 128.6930, 18.3924,
-112.8638

■ 134.6020, 16.4652,
-101.3830

■ 140.2120, 14.6855,
-90.5169

■ 146.1210, 12.7583,
-79.0361

■ 152.0300, 10.8312,
-67.5553

■ 158.0530, 9.3409,
-56.1745

■ 163.6630, 7.5611,
-45.3085

■ 169.5720, 5.6340,
-33.8276

■ 175.4810, 3.7069,
-22.3468

■ 181.0910, 1.9271,
-11.4808

Harmonies

Analogous

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



151.9730, -12.8047, -46.4573



128.6930, 18.3924, -112.8638



132.6660, 36.1537, -116.3481

Triad

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



128.6930, 18.3924, -112.8638



169.4910, 32.2959, 1.3234



165.4860, -33.7636, 49.5628

Complementary

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



128.6930, 18.3924, -112.8638



58.3070, -18.3924, 112.8638

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.



167.6570, -19.5509, 64.3218



128.6930, 18.3924, -112.8638



171.1340, 17.1889, 40.2245

Square

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



128.6930, 18.3924, -112.8638



158.6310, 43.0729, -48.7884



169.4560, -1.2108, 61.8671



162.7680, -38.3396, 23.8825

Rectangle

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



128.6930, 18.3924, -112.8638



133.2990, 46.1946, -116.9032



169.4560, -1.2108, 61.8671



166.5560, -29.8541, 55.6404

Sweetspot

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



128.6930, 18.3924, -112.8638



219.5600, 7.1189, -43.4641



116.3470, -57.3591, -82.7423



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.



128.6930, 18.3924, -112.8638



166.5640, 23.8789, -146.0766



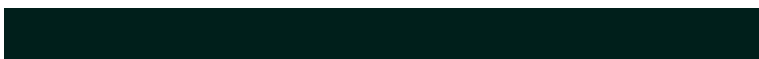
88.8230, 48.4013, -77.8978



91.1950, 0.8899, -5.4330



108.7060, 15.4279, -95.3352



21.2750, 2.8224, -18.6582

Inverse Universe

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



58.3070, -18.3924, 112.8638



75.4360, -23.8789, 146.0766



98.1770, -48.4013, 77.8978



87.8050, -0.8899, 5.4330



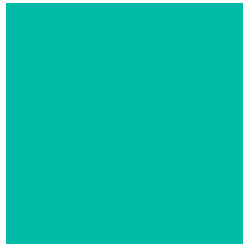
49.2940, -15.4279, 95.3352



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 128.6930, 18.3924, -112.8638 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 128.6930, 18.3924, -112.8638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

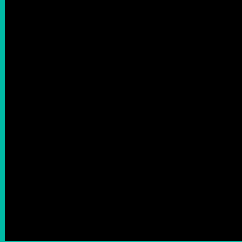
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

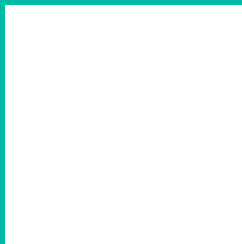
Any Text WCAG AAA ✓ Pass

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

YUV 128.6930, 18.3924, -112.8638 Background



This preview shows how black text looks on a background with the YUV color 128.6930, 18.3924, -112.8638.



This preview shows how white text looks on a background with the YUV color 128.6930, 18.3924, -112.8638.

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



Protanopia

165.5400, -5.6892, 4.7884

Deuteranopia

166.7500, 2.5882, 9.8663

Tritanopia

143.9430, 26.1571, -83.2650

Trichromacy



Protanomaly

152.1540, 2.8821, -37.8461

Deuteranomaly

152.9570, 8.4022, -35.0423

Tritanomaly

138.4810, 23.4269, -94.2608

Monochromacy



Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7560, 6.5293, -41.0050

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6930, 18.3924, -112.8638 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(0, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 166)  
}
```

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(0, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 166) }
```

Border

The CSS property to change the border of an element to YUV 128.6930, 18.3924, -112.8638 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(0, 187, 166) }
```

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

```
.border{ border-color:rgb(0, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 187, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 187, 166); box-shadow:4px 4px 4px 4px rgb(0, 187, 166) }
```


Background

The CSS property to change the background color of an element to YUV 128.6930, 18.3924, -112.8638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 166) }
```

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

```
.background{ background-color: rgb(0, 187,  
166) }
```

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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