

Converting Colors

YUV(128.8970, -11.2882,
-113.0427)

Have a look what the booklet for
YUV(128.8970, -11.2882, -113.0427)
contains.

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Color

**YUV(128.8970, -11.2882,
-113.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	00C76A
RGB	0, 199, 106
RGB Percent	0%, 78%, 42%
CMY	1.0000, 0.2196, 0.5843
CMYK	1.00, 0.00, 0.47, 0.22
HSL	152°, 100%, 39%
HSV	152°, 100%, 78%
XYZ	23.0249, 41.8875, 20.5072
YIQ	128.8970, -88.7510, -71.1110

Conversions

Conversions Part 2

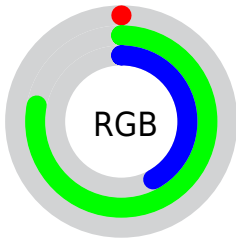
Format	Color
RYB	0, 130, 199
Decimal	51050
CIELab	70.79, -62.42, 35.00
CIELCh	71, 71.562, 150.719
Yxy	41.8875, 0.2696, 0.4904
Android (android.graphics.Color)	4278241130 (0xFF00C76A)
YUV	128.8970, -11.2882, -113.0427
Hunter-Lab	64.7205, -49.7578, 26.5178

Details

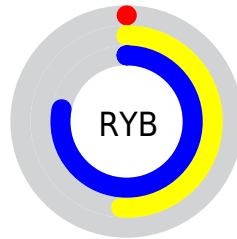
The YUV color **128.8970, -11.2882, -113.0427** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **70.1030, 11.2882, 113.0427**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7110, -19.0845, -85.6925**, and **90.3250, -16.9222, -79.2150** is the 20% darker color. If you saturate the color by 10%, you get **128.8970, -11.2882, -113.0427**, and if you desaturate by 10%, it is **135.9030, -10.3052, -101.6469**.

Distribution



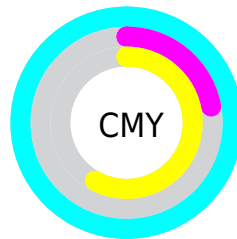
- Red (0%)
- Green (78%)
- Blue (42%)



- Red (0%)
- Yellow (51%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8970, -11.2882, -113.0427 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 128.8970, -11.2882, -113.0427 by changing the saturation by 10% instead.

■ 128.8970,
-11.2882, -113.0427

■ 128.8970,
-11.2882, -113.0427

255.0000, 0.0000,
0.0000

■ 109.6110,
-14.1052, -96.1288

■ 197.7110,
-19.0845, -85.6925

■ 90.3250, -16.9222,
-79.2150

■ 210.3570,
-12.0080, -68.7191

■ 72.3270, -19.8812,
-63.4308

■ 222.8180, -4.3473,
-52.4604

■ 53.9870, -24.1506,
-47.3466

■ 235.3930, 3.7503,
-36.3017

■ 38.1550, -18.8104,
-33.4619

■ 246.0300, 4.4222,
-18.4433

■ 24.6540, -12.1544,
-21.6216

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 128.8970,
-11.2882, -113.0427

■ 135.9030,
-10.3052, -101.6469

■ 143.0230, -8.8853,
-90.3512

■ 150.0290, -7.9023,
-78.9554

■ 157.0350, -6.9193,
-67.5597

■ 164.1550, -5.4994,
-56.2639

■ 170.8620, -4.3690,
-45.4830

■ 177.8680, -3.3859,
-34.0872

■ 184.8740, -2.4029,
-22.6915

■ 191.9940, -0.9830,
-11.3957

Harmonies

Analogous

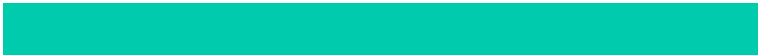
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.9760, -54.2182, -16.6420



128.8970, -11.2882, -113.0427



139.4700, 16.5303, -122.3152

Triad

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



128.8970, -11.2882, -113.0427



134.7300, 59.2931, -118.1582



158.7520, -23.5417, 84.4095

Complementary

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



128.8970, -11.2882, -113.0427



70.1030, 11.2882, 113.0427

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.



160.0640, 6.8704, 83.2589



128.8970, -11.2882, -113.0427



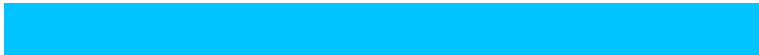
172.0810, 40.8791, 1.6830

Square

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



128.8970, -11.2882, -113.0427



144.1220, 54.6629, -126.3950



176.7410, 30.2007, 66.8791



167.7440, -55.0898, 76.5235

Rectangle

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



128.8970, -11.2882, -113.0427



144.4860, 35.7494, -126.7142



176.7410, 30.2007, 66.8791



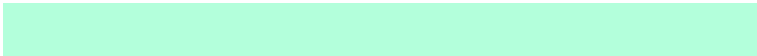
157.5100, -13.0694, 85.4987

Sweetspot

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



128.8970, -11.2882, -113.0427



228.1720, -4.5218, -43.1238



145.5170, -71.7399, -43.4264



111.7380, -2.8288, -26.0802



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.



128.8970, -11.2882, -113.0427



165.1890, -14.3902, -144.8708



137.7380, 30.2022, -120.7962



95.8530, -0.4205, -5.1331



105.5990, -9.1693, -92.6103



23.2980, -2.1189, -20.4323

Inverse Universe

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



70.1030, 11.2882, 113.0427



89.8110, 14.3902, 144.8708



61.2620, -30.2022, 120.7962



93.1470, 0.4205, 5.1331



57.4010, 9.1693, 92.6103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 128.8970, -11.2882, -113.0427 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 128.8970, -11.2882, -113.0427 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 128.8970, -11.2882, -113.0427 Background



This preview shows how black text looks on a background with the YUV color 128.8970, -11.2882, -113.0427.



This preview shows how white text looks on a background with the YUV color 128.8970, -11.2882, -113.0427.

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

168.4190, -35.7026, 18.0495

Deuteranopia

170.8580, -28.0310, 30.8195

Tritanopia

155.9230, 23.2090, -70.9695

Trichromacy



Protanomaly

154.1140, -26.6782, -29.9180

Deuteranomaly

155.7220, -22.0479, -21.6812

Tritanomaly

146.2080, 10.7435, -86.1284

Monochromacy



Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7100, -3.8010, -40.9647

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8970, -11.2882, -113.0427 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, 199, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 106)  
}
```

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, 199, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 106) }
```

Border

The CSS property to change the border of an element to YUV 128.8970, -11.2882, -113.0427 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, 199, 106) }
```

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

```
.border{ border-color:rgb(0, 199, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
106) }
```


Background

The CSS property to change the background color of an element to YUV 128.8970, -11.2882, -113.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 106) }
```

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

```
.background{ background-color: rgb(0, 199,  
106) }
```

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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