

Converting Colors

YUV(128.6180, -4.7417,
-112.7980)

Have a look what the booklet for
YUV(128.6180, -4.7417, -112.7980)
contains.

YUV(128.6180, -4.7417, -112.7980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(128.6180, -4.7417,
-112.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	00C477
RGB	0, 196, 119
RGB Percent	0%, 77%, 47%
CMY	1.0000, 0.2314, 0.5333
CMYK	1.00, 0.00, 0.39, 0.23
HSL	156°, 100%, 38%
HSV	156°, 100%, 77%
XYZ	23.0697, 40.8118, 24.1143
YIQ	128.6180, -92.0990, -65.4990

Conversions

Conversions Part 2

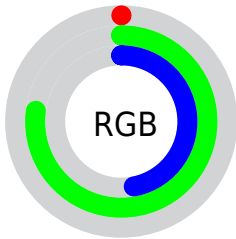
Format	Color
RYB	0, 122, 196
Decimal	50295
CIELab	70.04, -58.99, 27.35
CIELCh	70, 65.017, 155.127
Yxy	40.8118, 0.2622, 0.4638
Android (android.graphics.Color)	4278240375 (0xFF00C477)
YUV	128.6180, -4.7417, -112.7980
Hunter-Lab	63.8841, -47.3376, 22.3387

Details

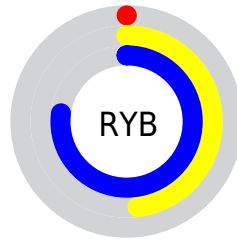
The YUV color **128.6180, -4.7417, -112.7980** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **67.3820, 4.7417, 112.7980**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3070, -12.9694, -87.0922**, and **90.7470, -10.2283, -79.5851** is the 20% darker color. If you saturate the color by 10%, you get **128.6180, -4.7417, -112.7980**, and if you desaturate by 10%, it is **135.5100, -4.1954, -101.3023**.

Distribution



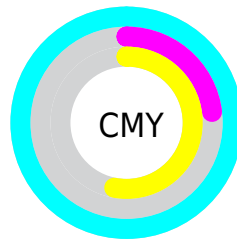
- Red (0%)
- Green (77%)
- Blue (47%)



- Red (0%)
- Yellow (48%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6180, -4.7417, -112.7980 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 128.6180, -4.7417, -112.7980 by changing the saturation by 10% instead.

■ 128.6180, -4.7417,
-112.7980

■ 128.6180, -4.7417,
-112.7980

255.0000, 0.0000,
0.0000

■ 109.3320, -7.5587,
-95.8842

■ 198.3070,
-12.9694, -87.0922

■ 90.7470, -10.2283,
-79.5851

■ 211.5400, -6.1822,
-70.6336

■ 72.1620, -12.8979,
-63.2861

■ 224.1150, 1.9153,
-54.4749

■ 54.2780, -15.4201,
-47.6018

■ 236.4620, 9.1392,
-38.1162

■ 36.9810, -18.2316,
-32.4323

■ 245.4320, 4.7170,
-19.6729

■ 23.4800, -11.5756,
-20.5920

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 128.6180, -4.7417,
-112.7980

■ 135.5100, -4.1954,
-101.3023

■ 141.9890, -3.9386,
-90.3214

■ 148.8810, -3.3923,
-78.8256

■ 155.4740, -2.6987,
-67.9447

■ 162.3660, -2.1524,
-56.4490

■ 169.1440, -2.0430,
-44.8533

■ 175.7370, -1.3493,
-33.9723

■ 182.6290, -0.8031,
-22.4766

■ 189.1080, -0.5462,
-11.4957

Harmonies

Analogous

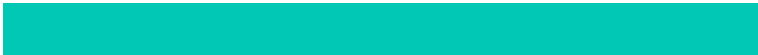
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156.5760, -44.1610, -22.4302



128.6180, -4.7417, -112.7980



137.9200, 20.7454, -120.9558

Triad

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



128.6180, -4.7417, -112.7980



147.0440, 53.2223, -84.2306



162.8780, -28.0409, 80.7910

Complementary

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



128.6180, -4.7417, -112.7980



67.3820, 4.7417, 112.7980

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.



162.3320, 0.3293, 81.2698



128.6180, -4.7417, -112.7980



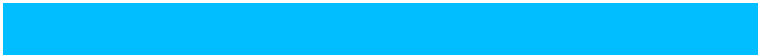
173.6200, 40.1203, 11.7343

Square

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



128.6180, -4.7417, -112.7980



140.6000, 56.3992, -123.3062



174.9060, 23.2173, 66.7344



167.0630, -52.2891, 64.8427

Rectangle

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



128.6180, -4.7417, -112.7980



141.8930, 38.5068, -124.4402



174.9060, 23.2173, 66.7344



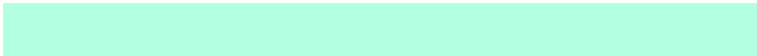
161.5220, -18.0053, 81.9802

Sweetspot

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



128.6180, -4.7417, -112.7980



228.8560, -1.9010, -43.7237



138.3740, -68.2184, -52.9480



112.0800, -1.5184, -26.3802



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.



128.6180, -4.7417, -112.7980



167.3550, -6.0910, -146.7703



125.6560, 34.6796, -110.2003



93.5540, -0.2731, -5.7479



105.6790, -3.7857, -92.6805



21.6510, -0.8139, -18.9879

Inverse Universe

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



67.3820, 4.7417, 112.7980



87.6450, 6.0910, 146.7703



70.3440, -34.6796, 110.2003



90.4460, 0.2731, 5.7479



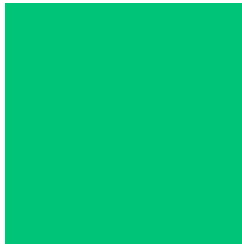
55.3210, 3.7857, 92.6805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 128.6180, -4.7417, -112.7980 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 128.6180, -4.7417, -112.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

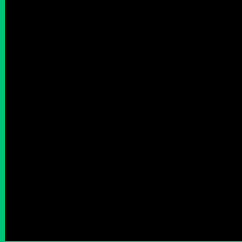
Any Text WCAG AA ✓ Pass

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 128.6180, -4.7417, -112.7980 Background



This preview shows how black text looks on a background with the YUV color 128.6180, -4.7417, -112.7980.



This preview shows how white text looks on a background with the YUV color 128.6180, -4.7417, -112.7980.

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

167.4170, -29.2926, 15.4203

Deuteranopia

169.9590, -21.1788, 26.3460

Tritanopia

153.3250, 23.5038, -72.1990

Trichromacy



Protanomaly

153.1230, -20.2736, -30.8029

Deuteranomaly

154.8340, -15.2012, -24.4104

Tritanomaly

144.4790, 13.0749, -87.2431

Monochromacy



Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.5790, -1.7644, -40.8498

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6180, -4.7417, -112.7980 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, 196, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 119)  
}
```

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, 196, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 119) }
```

Border

The CSS property to change the border of an element to YUV 128.6180, -4.7417, -112.7980 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, 196, 119) }
```

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

```
.border{ border-color:rgb(0, 196, 119) }
```

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

Here you see how a box with a 4 pixel rgb(0, 196, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
119) }
```


Background

The CSS property to change the background color of an element to YUV 128.6180, -4.7417, -112.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 119) }
```

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

```
.background{ background-color: rgb(0, 196,  
119) }
```

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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