

Converting Colors

YUV(146.0580, 11.3104,
-128.0929)

Have a look what the booklet for
YUV(146.0580, 11.3104, -128.0929)
contains.

YUV(146.0580, 11.3104, -128.0929)	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(146.0580, 11.3104,
-128.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	00D8A9
RGB	0, 216, 169
RGB Percent	0%, 85%, 66%
CMY	1.0000, 0.1529, 0.3373
CMYK	1.00, 0.00, 0.22, 0.15
HSL	167°, 100%, 42%
HSV	167°, 100%, 85%
XYZ	31.7173, 51.9763, 45.8969
YIQ	146.0580, -113.6490, -60.4090

Conversions

Conversions Part 2

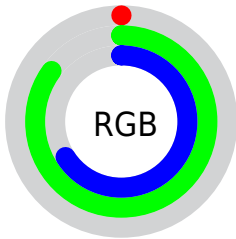
Format	Color
RYB	0, 121, 216
Decimal	55465
CIELab	77.27, -55.20, 10.85
CIELCh	77, 56.259, 168.884
Yxy	51.9763, 0.2448, 0.4011
Android (android.graphics.Color)	4278245545 (0xFF00D8A9)
YUV	146.0580, 11.3104, -128.0929
Hunter-Lab	72.0946, -47.6362, 12.7210

Details

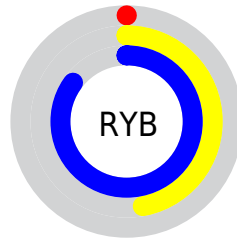
The YUV color **146.0580, 11.3104, -128.0929** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **69.9420, -11.3104, 128.0929**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9150, 8.4229, -88.5025**, and **107.2580, 4.8028, -94.0653** is the 20% darker color. If you saturate the color by 10%, you get **146.0580, 11.3104, -128.0929**, and if you desaturate by 10%, it is **153.2060, 10.2514, -115.0677**.

Distribution



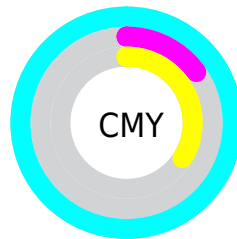
- Red (0%)
- Green (85%)
- Blue (66%)



- Red (0%)
- Yellow (47%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0580, 11.3104, -128.0929 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 146.0580, 11.3104, -128.0929 by changing the saturation by 10% instead.

■ 146.0580, 11.3104,
-128.0929

■ 146.0580, 11.3104,
-128.0929

■ 255.0000, 0.0000,
0.0000

■ 126.6580, 8.0566,
-111.0791

■ 206.9150, 8.4229,
-88.5025

■ 107.2580, 4.8028,
-94.0653

■ 220.0880, 16.2256,
-71.1142

■ 88.5590, 1.6964,
-77.6662

■ 229.8840, 12.3822,
-51.6413

■ 70.0880, -0.5364,
-61.4672

■ 239.1530, 7.8126,
-32.5832

■ 52.7910, -3.3480,
-46.2977

■ 248.4220, 3.2430,
-13.5251

■ 36.3090, -5.5753,
-31.8430

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 146.0580, 11.3104,
-128.0929

■ 153.2060, 10.2514,
-115.0677

■ 159.9410, 8.9031,
-102.5573

■ 167.0890, 7.8441,
-89.5321

■ 173.9380, 6.9326,
-77.1216

■ 181.0860, 5.8736,
-64.0964

■ 188.1200, 4.3778,
-50.9712

■ 194.9690, 3.4663,
-38.5608

■ 202.1170, 2.4073,
-25.5356

■ 208.8520, 1.0590,
-13.0252

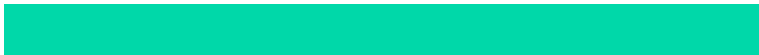
Harmonies

Analogous

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



175.5210, -27.3719, -40.7989



146.0580, 11.3104, -128.0929



152.8010, 34.6081, -134.0065

Triad

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



146.0580, 11.3104, -128.0929



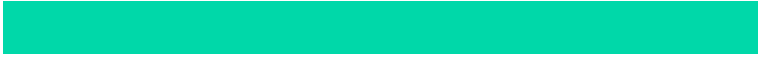
186.4020, 33.8188, -20.5236



184.3350, -34.6752, 61.9732

Complementary

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



146.0580, 11.3104, -128.0929



69.9420, -11.3104, 128.0929

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.



181.3610, -10.5310, 64.5814



146.0580, 11.3104, -128.0929



195.9020, 29.1353, 35.1659

Square

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



146.0580, 11.3104, -128.0929



147.6440, 52.9265, -129.4838



187.9900, 12.3299, 58.7678



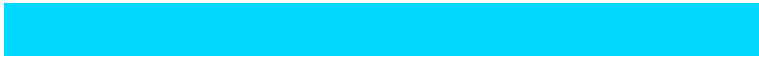
187.2130, -49.8980, 44.5402

Rectangle

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



146.0580, 11.3104, -128.0929



155.2750, 49.1644, -136.1762



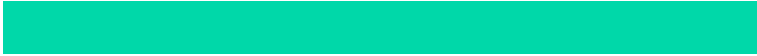
187.9900, 12.3299, 58.7678



182.4090, -26.8236, 63.6623

Sweetspot

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



146.0580, 11.3104, -128.0929



230.3380, 3.7774, -45.0234



141.7420, -69.8788, -80.4577



113.1060, 2.4127, -27.2800



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.



146.0580, 11.3104, -128.0929



172.4850, 13.5649, -151.2693



117.3700, 48.6246, -102.9335



103.4830, 0.7479, -6.5626



115.6530, 9.0451, -101.4277



29.1170, 2.4073, -25.5356

Inverse Universe

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



69.9420, -11.3104, 128.0929



82.5150, -13.5649, 151.2693



98.6300, -48.6246, 102.9335



99.6310, -0.3111, 6.4626



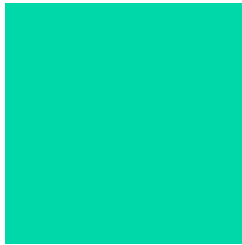
55.3470, -9.0451, 101.4277



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 146.0580, 11.3104, -128.0929 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 146.0580, 11.3104, -128.0929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

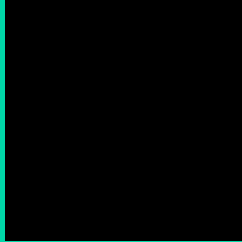
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

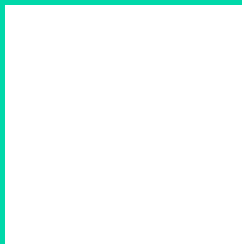
Any Text WCAG AAA ✓ Pass

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

YUV 146.0580, 11.3104, -128.0929 Background



This preview shows how black text looks on a background with the YUV color 146.0580, 11.3104, -128.0929.



This preview shows how white text looks on a background with the YUV color 146.0580, 11.3104, -128.0929.

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

188.4130, -16.4726, 10.1618

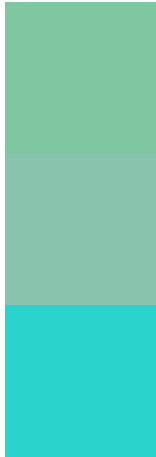
Deuteranopia

190.8730, -7.3324, 18.5284

Tritanopia

167.7790, 28.2100, -88.3832

Trichromacy



Protanomaly

173.0260, -6.4218, -40.3648

Deuteranomaly

174.5520, -0.7651, -34.6871

Tritanomaly

160.0840, 22.1436, -102.6827

Monochromacy



Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7400, 4.0722, -46.2530

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0580, 11.3104, -128.0929 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, 216, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 216, 169)  
}
```

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, 216, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 216, 169) }
```

Border

The CSS property to change the border of an element to YUV 146.0580, 11.3104, -128.0929 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, 216, 169) }
```

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

```
.border{ border-color:rgb(0, 216, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 216, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 216, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 216, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 216,  
169) }
```


Background

The CSS property to change the background color of an element to YUV 146.0580, 11.3104, -128.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 216, 169) }
```

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

```
.background{ background-color: rgb(0, 216,  
169) }
```

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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