

Converting Colors

YUV(146.5140, 13.0576,
-128.4928)

Have a look what the booklet for
YUV(146.5140, 13.0576, -128.4928)
contains.

YUV(146.5140, 13.0576, -128.4928)	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(146.5140, 13.0576,
-128.4928)**

Conversions

Conversions Part 1

Format	Color
Hex	00D8AD
RGB	0, 216, 173
RGB Percent	0%, 85%, 68%
CMY	1.0000, 0.1529, 0.3216
CMYK	1.00, 0.00, 0.20, 0.15
HSL	168°, 100%, 42%
HSV	168°, 100%, 85%
XYZ	32.0987, 52.1289, 47.9053
YIQ	146.5140, -114.9330, -59.1650

Conversions

Conversions Part 2

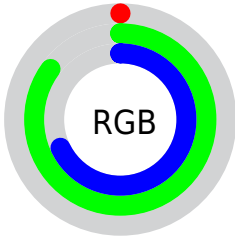
Format	Color
RYB	0, 120, 216
Decimal	55469
CIELab	77.36, -54.21, 8.85
CIELCh	77, 54.929, 170.731
Yxy	52.1289, 0.2429, 0.3945
Android (android.graphics.Color)	4278245549 (0xFF00D8AD)
YUV	146.5140, 13.0576, -128.4928
Hunter-Lab	72.2003, -46.9933, 11.2010

Details

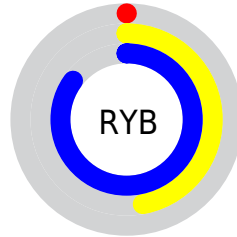
The YUV color **146.5140, 13.0576, -128.4928** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **69.4860, -13.0576, 128.4928**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3710, 10.1701, -88.9024**, and **107.7140, 6.5500, -94.4652** is the 20% darker color. If you saturate the color by 10%, you get **146.5140, 13.0576, -128.4928**, and if you desaturate by 10%, it is **153.5480, 11.5618, -115.3676**.

Distribution



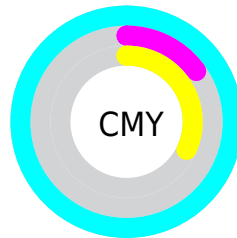
- Red (0%)
- Green (85%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.5140, 13.0576, -128.4928 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 146.5140, 13.0576, -128.4928 by changing the saturation by 10% instead.

■ 146.5140, 13.0576,
-128.4928

■ 146.5140, 13.0576,
-128.4928

■ 255.0000, 0.0000,
0.0000

■ 127.0000, 9.3670,
-111.3790

■ 207.3710, 10.1701,
-88.9024

■ 107.7140, 6.5500,
-94.4652

■ 220.3160, 17.0992,
-71.3141

■ 89.0150, 3.4436,
-78.0662

■ 229.8840, 12.3822,
-51.6413

■ 71.0170, 0.4846,
-62.2819

■ 239.1530, 7.8126,
-32.5832

■ 53.2470, -1.6008,
-46.6976

■ 248.7210, 3.0955,
-12.9103

■ 36.7650, -3.8281,
-32.2429

■ 19.8270, -7.8027,

-17.3883

■ 0.0000, 0.0000,
0.0000

■ 146.5140, 13.0576,
-128.4928

■ 153.5480, 11.5618,
-115.3676

■ 160.3970, 10.6503,
-102.9572

■ 167.4310, 9.1545,
-89.8320

■ 174.1660, 7.8062,
-77.3216

■ 181.3140, 6.7472,
-64.2964

■ 188.3480, 5.2514,
-51.1712

■ 195.0830, 3.9031,
-38.6608

■ 202.1170, 2.4073,
-25.5356

■ 208.9660, 1.4958,
-13.1252

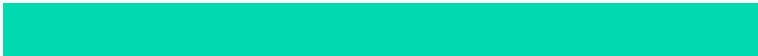
Harmonies

Analogous

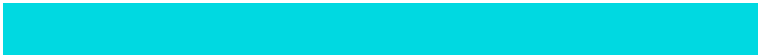
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.3790, -25.3298, -42.4284



146.5140, 13.0576, -128.4928



153.0290, 35.4817, -134.2064

Triad

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



146.5140, 13.0576, -128.4928



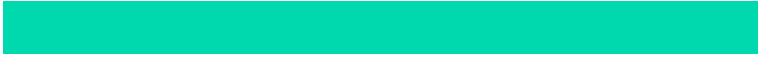
187.6090, 33.2238, -16.3201



185.5090, -35.2539, 60.9436

Complementary

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



146.5140, 13.0576, -128.4928



69.4860, -13.0576, 128.4928

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.



182.3070, -11.9834, 63.7518



146.5140, 13.0576, -128.4928



196.7990, 28.6931, 37.0103

Square

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



146.5140, 13.0576, -128.4928



159.9140, 46.8774, -102.5336



188.1210, 10.2933, 58.6529



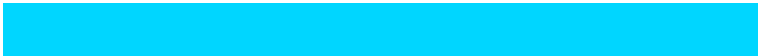
187.7180, -49.1610, 41.4663

Rectangle

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



146.5140, 13.0576, -128.4928



154.6880, 49.4538, -135.6614



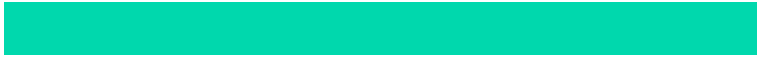
188.1210, 10.2933, 58.6529



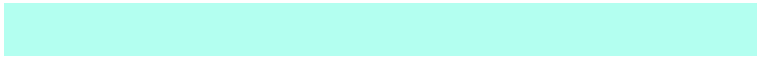
183.4690, -27.8392, 62.7327

Sweetspot

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



146.5140, 13.0576, -128.4928



230.5660, 4.6510, -45.2234



139.6490, -68.8470, -84.7612



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.



146.5140, 13.0576, -128.4928



172.9410, 15.3121, -151.6693



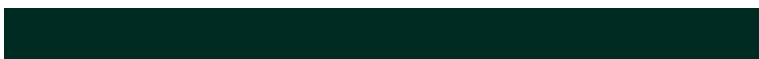
113.2610, 50.6503, -99.3299



103.4830, 0.7479, -6.5626



115.9950, 10.3555, -101.7276



29.2310, 2.8441, -25.6356

Inverse Universe

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



69.4860, -13.0576, 128.4928



82.0590, -15.3121, 151.6693



102.7390, -50.6503, 99.3299



99.6310, -0.3111, 6.4626



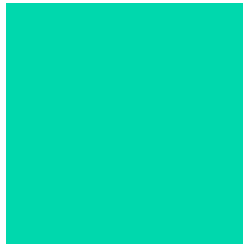
55.0050, -10.3555, 101.7276



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 146.5140, 13.0576, -128.4928 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 146.5140, 13.0576, -128.4928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

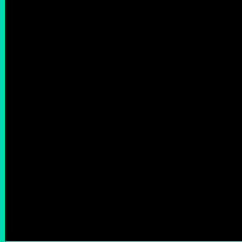
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

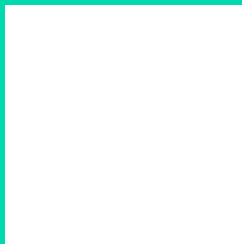
Any Text WCAG AAA ✓ Pass

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

YUV 146.5140, 13.0576, -128.4928 Background



This preview shows how black text looks on a background with the YUV color 146.5140, 13.0576, -128.4928.



This preview shows how white text looks on a background with the YUV color 146.5140, 13.0576, -128.4928.

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

188.8690, -14.7254, 9.7619

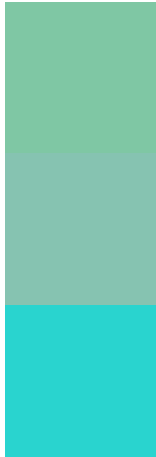
Deuteranopia

191.0300, -5.4378, 17.5137

Tritanopia

167.8820, 28.6522, -90.2275

Trichromacy



Protanomaly

173.4820, -4.6746, -40.7647

Deuteranomaly

174.7090, 1.1295, -35.7018

Tritanomaly

160.3010, 23.0226, -104.6270

Monochromacy



Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.8540, 4.5090, -46.3530

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.5140, 13.0576, -128.4928 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 216, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 216, 173) }
```

Border

The CSS property to change the border of an element to YUV 146.5140, 13.0576, -128.4928 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, 173) }
```

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

```
.border{ border-color:rgb(0, 216, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 216,  
173) }
```


Background

The CSS property to change the background color of an element to YUV 146.5140, 13.0576, -128.4928 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, 173) }
```

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

```
.background{ background-color: rgb(0, 216,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor