

Converting Colors

YUV(144.6560, 11.0156,
-126.8633)

Have a look what the booklet for
YUV(144.6560, 11.0156, -126.8633)
contains.

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Color

**YUV(144.6560, 11.0156,
-126.8633)**

Conversions

Conversions Part 1

Format	Color
Hex	00D6A7
RGB	0, 214, 167
RGB Percent	0%, 84%, 65%
CMY	1.0000, 0.1608, 0.3451
CMYK	1.00, 0.00, 0.22, 0.16
HSL	167°, 100%, 42%
HSV	167°, 100%, 84%
XYZ	31.0216, 50.8832, 44.7456
YIQ	144.6560, -112.4570, -59.9850

Conversions

Conversions Part 2

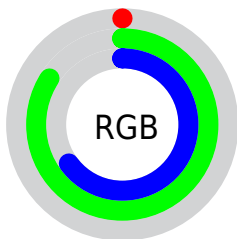
Format	Color
RYB	0, 120, 214
Decimal	54951
CIELab	76.61, -54.92, 10.98
CIELCh	77, 56.005, 168.699
Yxy	50.8832, 0.2449, 0.4018
Android (android.graphics.Color)	4278245031 (0xFF00D6A7)
YUV	144.6560, 11.0156, -126.8633
Hunter-Lab	71.3324, -47.2042, 12.7411

Details

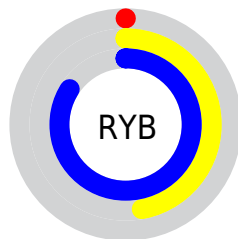
The YUV color **144.6560, 11.0156, -126.8633** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **69.3440, -11.0156, 126.8633**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3880, 7.6967, -88.9173**, and **105.8560, 4.5080, -92.8357** is the 20% darker color. If you saturate the color by 10%, you get **144.6560, 11.0156, -126.8633**, and if you desaturate by 10%, it is **151.5050, 10.1040, -114.4529**.

Distribution



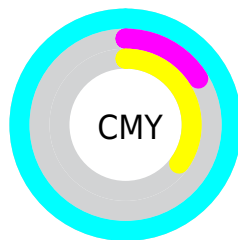
- Red (0%)
- Green (84%)
- Blue (65%)



- Red (0%)
- Yellow (47%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6560, 11.0156, -126.8633 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 144.6560, 11.0156, -126.8633 by changing the saturation by 10% instead.

■ 144.6560, 11.0156,
-126.8633

■ 144.6560, 11.0156,
-126.8633

■ 255.0000, 0.0000,
0.0000

■ 125.2560, 7.7618,
-109.8495

■ 206.3880, 7.6967,
-88.9173

■ 105.8560, 4.5080,
-92.8357

■ 219.5610, 15.4994,
-71.5290

■ 87.1570, 1.4016,
-76.4367

■ 229.5850, 12.5296,
-52.2560

■ 69.2730, -1.1206,
-60.7524

■ 238.8540, 7.9600,
-33.1980

■ 51.5030, -3.2060,
-45.1681

■ 248.4220, 3.2430,
-13.5251

■ 35.0210, -5.4334,
-30.7134

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 144.6560, 11.0156,
-126.8633

■ 151.5050, 10.1040,
-114.4529

■ 158.5390, 8.6083,
-101.3277

■ 165.3880, 7.6967,
-88.9173

■ 172.5360, 6.6378,
-75.8921

■ 179.3850, 5.7262,
-63.4816

■ 186.1200, 4.3778,
-50.9712

■ 193.2680, 3.3189,
-37.9460

■ 200.1170, 2.4073,
-25.5356

■ 207.1510, 0.9116,
-12.4104

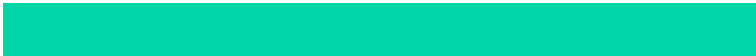
Harmonies

Analogous

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



173.8200, -27.5193, -40.1841



144.6560, 11.0156, -126.8633



151.3990, 34.3133, -132.7769

Triad

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



144.6560, 11.0156, -126.8633



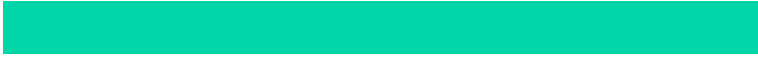
184.3310, 34.8398, -21.3383



183.0470, -34.5332, 63.1028

Complementary

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



144.6560, 11.0156, -126.8633



69.3440, -11.0156, 126.8633

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.



180.0730, -10.3890, 65.7110



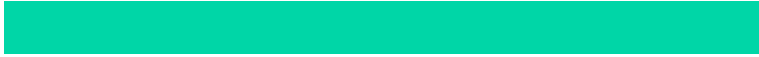
144.6560, 11.0156, -126.8633



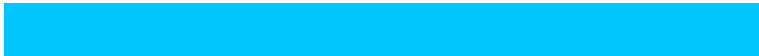
194.4180, 29.8669, 33.8364

Square

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



144.6560, 11.0156, -126.8633



146.4700, 53.5053, -128.4542



186.5880, 12.0351, 59.9973



185.3270, -49.4612, 44.4402

Rectangle

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



144.6560, 11.0156, -126.8633



153.7590, 48.4328, -134.8466



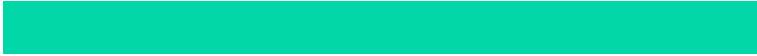
186.5880, 12.0351, 59.9973



181.1210, -26.6817, 64.7919

Sweetspot

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



144.6560, 11.0156, -126.8633



230.3380, 3.7774, -45.0234



140.5680, -69.3000, -79.4281



112.9920, 1.9759, -27.1800



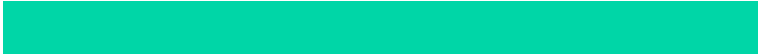
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



144.6560, 11.0156, -126.8633



172.3710, 13.1281, -151.1694



116.5550, 48.0404, -102.2187



103.4830, 0.7479, -6.5626



115.5390, 8.6083, -101.3277



29.1170, 2.4073, -25.5356

Inverse Universe

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



69.3440, -11.0156, 126.8633



82.6290, -13.1281, 151.1694



97.4450, -48.0404, 102.2187



99.6310, -0.3111, 6.4626



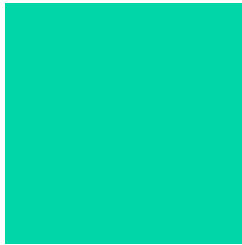
55.4610, -8.6083, 101.3277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 144.6560, 11.0156, -126.8633 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 144.6560, 11.0156, -126.8633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

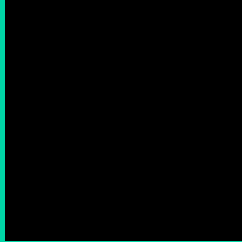
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

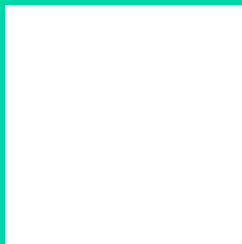
Any Text WCAG AAA ✓ Pass

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

YUV 144.6560, 11.0156, -126.8633 Background



This preview shows how black text looks on a background with the YUV color 144.6560, 11.0156, -126.8633.

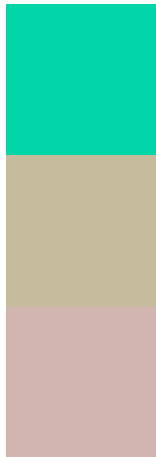


This preview shows how white text looks on a background with the YUV color 144.6560, 11.0156, -126.8633.

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



Original Color

144.6560, 11.0156, -126.8633

Protanopia

186.5270, -16.0358, 10.0618

Deuteranopia

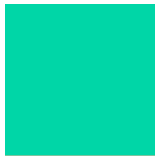
188.8730, -7.3324, 18.5284



Tritanopia

166.0780, 28.0625, -87.7684

Trichromacy



Original Color

144.6560, 11.0156, -126.8633



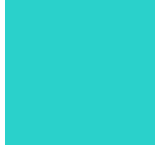
Protanomaly

171.4390, -6.1324, -39.8500



Deuteranomaly

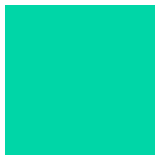
172.8510, -0.9125, -34.0723



Tritanomaly

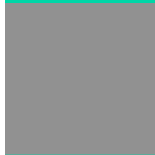
158.3830, 21.9962, -102.0679

Monochromacy



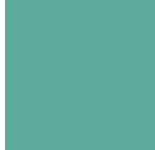
Original Color

144.6560, 11.0156, -126.8633



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.7400, 4.0722, -46.2530

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6560, 11.0156, -126.8633 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, 214, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 167)  
}
```

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, 214, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 167) }
```

Border

The CSS property to change the border of an element to YUV 144.6560, 11.0156, -126.8633 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, 214, 167) }
```


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

```
.border{ border-color:rgb(0, 214, 167) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 144.6560, 11.0156, -126.8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 167) }
```

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

```
.background{ background-color: rgb(0, 214,  
167) }
```

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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