

Converting Colors

YUV(145.1630, 5.3426,
-127.3080)

Have a look what the booklet for
YUV(145.1630, 5.3426, -127.3080)
contains.

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Color

**YUV(145.1630, 5.3426,
-127.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	00D99C
RGB	0, 217, 156
RGB Percent	0%, 85%, 61%
CMY	1.0000, 0.1490, 0.3882
CMYK	1.00, 0.00, 0.28, 0.15
HSL	163°, 100%, 43%
HSV	163°, 100%, 85%
XYZ	30.8136, 52.0260, 39.8705
YIQ	145.1630, -109.7510, -64.9750

Conversions

Conversions Part 2

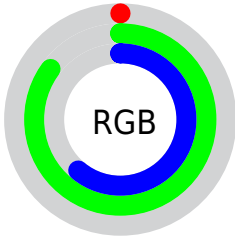
Format	Color
RYB	0, 126, 217
Decimal	55708
CIELab	77.30, -58.66, 17.77
CIELCh	77, 61.290, 163.145
Yxy	52.0260, 0.2511, 0.4240
Android (android.graphics.Color)	4278245788 (0xFF00D99C)
YUV	145.1630, 5.3426, -127.3080
Hunter-Lab	72.1291, -49.9705, 17.7169

Details

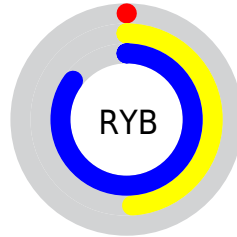
The YUV color **145.1630, 5.3426, -127.3080** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **71.8370, -5.3426, 127.3080**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4330, 2.7445, -87.2027**, and **106.4770, -0.7282, -93.3803** is the 20% darker color. If you saturate the color by 10%, you get **145.1630, 5.3426, -127.3080**, and if you desaturate by 10%, it is **152.4250, 4.7205, -114.3827**.

Distribution



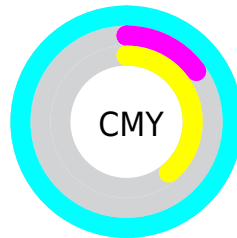
- Red (0%)
- Green (85%)
- Blue (61%)



- Red (0%)
- Yellow (49%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1630, 5.3426, -127.3080 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 145.1630, 5.3426, -127.3080 by changing the saturation by 10% instead.

■ 145.1630, 5.3426,
-127.3080

■ 145.1630, 5.3426,
-127.3080

■ 255.0000, 0.0000,
0.0000

■ 125.7630, 2.0888,
-110.2942

■ 205.4330, 2.7445,
-87.2027

■ 106.4770, -0.7282,
-93.3803

■ 218.4920, 10.1104,
-69.7145

■ 87.7780, -3.8346,
-76.9813

■ 229.5850, 12.5296,
-52.2560

■ 69.3070, -6.0674,
-60.7822

■ 239.1530, 7.8126,
-32.5832

■ 51.5370, -8.1527,
-45.1979

■ 248.4220, 3.2430,
-13.5251

■ 35.0550, -10.3801,
-30.7432

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 145.1630, 5.3426,
-127.3080

■ 152.4250, 4.7205,
-114.3827

■ 159.3880, 4.2457,
-102.0723

■ 166.6500, 3.6235,
-89.1471

■ 173.9120, 3.0014,
-76.2218

■ 181.2880, 2.8160,
-63.3966

■ 188.2510, 2.3413,
-51.0861

■ 195.5130, 1.7191,
-38.1609

■ 202.7750, 1.0969,
-25.2357

■ 209.7380, 0.6222,
-12.9252

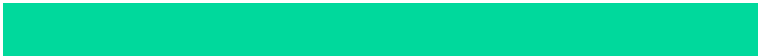
Harmonies

Analogous

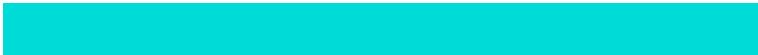
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.2030, -35.1031, -34.3810



145.1630, 5.3426, -127.3080



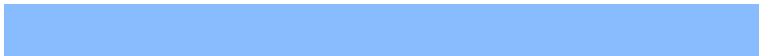
153.0630, 30.5349, -134.2363

Triad

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



145.1630, 5.3426, -127.3080



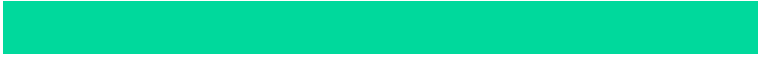
180.0900, 36.9306, -38.6669



180.4540, -31.7758, 65.3768

Complementary

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



145.1630, 5.3426, -127.3080



71.8370, -5.3426, 127.3080

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.



178.1640, -5.0109, 67.3852



145.1630, 5.3426, -127.3080



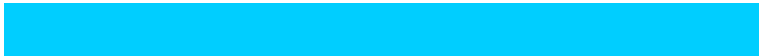
194.3850, 29.8832, 28.6034

Square

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



145.1630, 5.3426, -127.3080



149.9920, 51.7689, -131.5430



187.5970, 18.4397, 59.1124



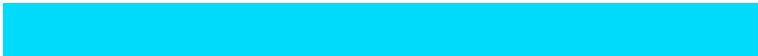
187.0680, -53.2775, 55.1914

Rectangle

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



145.1630, 5.3426, -127.3080



156.5800, 46.5491, -137.3207



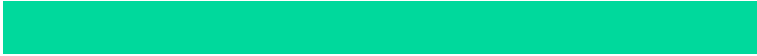
187.5970, 18.4397, 59.1124



178.7560, -23.0507, 66.8660

Sweetspot

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



145.1630, 5.3426, -127.3080



229.7680, 1.5934, -44.5235



145.6180, -71.7897, -74.2100



112.7640, 1.1023, -26.9800



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.



145.1630, 5.3426, -127.3080



170.5470, 6.1393, -149.5697



124.5280, 45.5887, -109.2111



106.3690, 0.3111, -6.4626



115.8010, 4.5351, -101.5575



30.7640, 1.1023, -26.9800

Inverse Universe

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



71.8370, -5.3426, 127.3080



84.4530, -6.1393, 149.5697



92.4720, -45.5887, 109.2111



102.6310, -0.3111, 6.4626



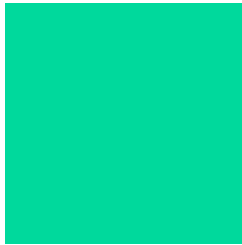
57.3130, -4.0983, 101.4575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 145.1630, 5.3426, -127.3080 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 145.1630, 5.3426, -127.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

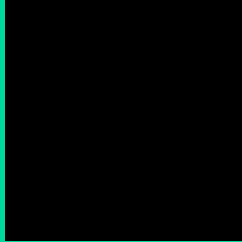
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

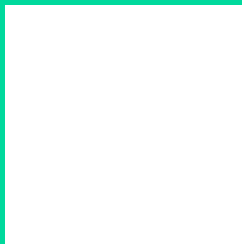
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.1630, 5.3426, -127.3080

Background



This preview shows how black text looks on a background with the YUV color 145.1630, 5.3426, -127.3080.



This preview shows how white text looks on a background with the YUV color 145.1630, 5.3426, -127.3080.

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

187.9420, -22.1564, 13.2059

Deuteranopia

190.4130, -13.0216, 23.3168

Tritanopia

169.2740, 27.4729, -85.3093

Trichromacy



Protanomaly

172.2560, -11.9582, -37.9355

Deuteranomaly

174.0810, -6.4489, -31.6430

Tritanomaly

160.4110, 19.5174, -100.3384

Monochromacy



Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8710, 2.0356, -46.3679

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1630, 5.3426, -127.3080 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, 217, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 156)  
}
```

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, 217, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 156) }
```

Border

The CSS property to change the border of an element to YUV 145.1630, 5.3426, -127.3080 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, 217, 156) }
```

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

```
.border{ border-color:rgb(0, 217, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
156) }
```


Background

The CSS property to change the background color of an element to YUV 145.1630, 5.3426, -127.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 156) }
```

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

```
.background{ background-color: rgb(0, 217,  
156) }
```

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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