

Converting Colors

YUV(145.6310, 22.3669,
-127.7184)

Have a look what the booklet for
YUV(145.6310, 22.3669, -127.7184)
contains.

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Color

**YUV(145.6310, 22.3669,
-127.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	00D3BF
RGB	0, 211, 191
RGB Percent	0%, 83%, 75%
CMY	1.0000, 0.1725, 0.2510
CMYK	1.00, 0.00, 0.09, 0.17
HSL	174°, 100%, 41%
HSV	174°, 100%, 83%
XYZ	32.6982, 50.3501, 57.2854
YIQ	145.6310, -119.3360, -50.9520

Conversions

Conversions Part 2

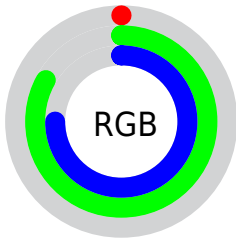
Format	Color
RYB	0, 111, 211
Decimal	54207
CIELab	76.28, -47.43, -2.35
CIELCh	76, 47.485, 182.834
Yxy	50.3501, 0.2330, 0.3588
Android (android.graphics.Color)	4278244287 (0xFF00D3BF)
YUV	145.6310, 22.3669, -127.7184
Hunter-Lab	70.9578, -41.9212, 1.8047

Details

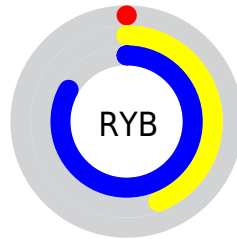
The YUV color **145.6310, 22.3669, -127.7184** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **65.3690, -22.3669, 127.7184**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5370, 18.4693, -90.8019**, and **106.7170, 15.4225, -93.5908** is the 20% darker color. If you saturate the color by 10%, you get **145.6310, 22.3669, -127.7184**, and if you desaturate by 10%, it is **152.1380, 20.1450, -115.0080**.

Distribution



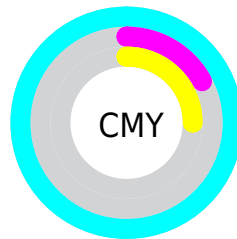
- Red (0%)
- Green (83%)
- Blue (75%)



- Red (0%)
- Yellow (44%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6310, 22.3669, -127.7184 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 145.6310, 22.3669, -127.7184 by changing the saturation by 10% instead.

■ 145.6310, 22.3669,
-127.7184

■ 145.6310, 22.3669,
-127.7184

■ 255.0000, 0.0000,
0.0000

■ 126.1170, 18.6763,
-110.6046

■ 209.5370, 18.4693,
-90.8019

■ 106.7170, 15.4225,
-93.5908

■ 220.6150, 16.9518,
-70.6994

■ 88.4910, 11.5899,
-77.6066

■ 230.1830, 12.2348,
-51.0265

■ 70.4930, 8.6310,
-61.8224

■ 239.4520, 7.6652,
-31.9684

■ 53.1960, 5.8194,
-46.6529

■ 248.7210, 3.0955,
-12.9103

■ 36.0130, 3.4446,
-31.5834

■ 20.8190, 1.0752,

-18.2583

■ 0.0000, 0.0000,
0.0000

■ 145.6310, 22.3669,
-127.7184

■ 152.1380, 20.1450,
-115.0080

■ 158.6450, 17.9230,
-102.2977

■ 165.1520, 15.7011,
-89.5873

■ 171.6590, 13.4791,
-76.8769

■ 178.4650, 11.1098,
-63.5518

■ 184.9720, 8.8878,
-50.8414

■ 191.4790, 6.6659,
-38.1311

■ 197.9860, 4.4439,
-25.4207

■ 204.4930, 2.2220,
-12.7104

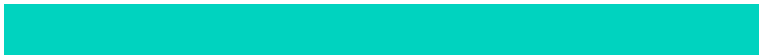
Harmonies

Analogous

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



171.7440, -12.1988, -54.1495



145.6310, 22.3669, -127.7184



149.9460, 41.4386, -131.5026

Triad

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



145.6310, 22.3669, -127.7184



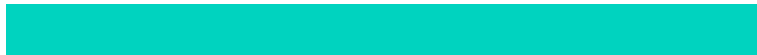
190.9970, 31.5535, 6.1416



187.1830, -37.5582, 53.3365

Complementary

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



145.6310, 22.3669, -127.7184



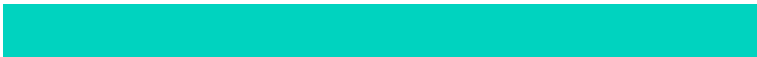
65.3690, -22.3669, 127.7184

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.



185.2930, -20.8504, 61.1330



145.6310, 22.3669, -127.7184



193.5800, 17.4621, 45.9723

Square

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



145.6310, 22.3669, -127.7184



178.5620, 37.6839, -46.9739



186.6730, -0.3318, 59.9228



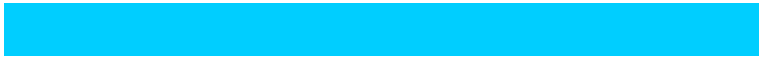
184.4430, -42.1234, 24.1675

Rectangle

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



145.6310, 22.3669, -127.7184



149.9920, 51.7689, -131.5430



186.6730, -0.3318, 59.9228



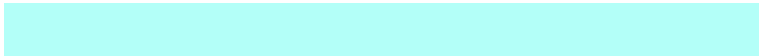
187.3670, -33.2119, 59.3141

Sweetspot

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



145.6310, 22.3669, -127.7184



231.4780, 8.1453, -46.0232



130.1360, -64.1570, -95.7123



113.6760, 4.5967, -27.7799



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.



145.6310, 22.3669, -127.7184



176.0190, 27.1056, -154.3687



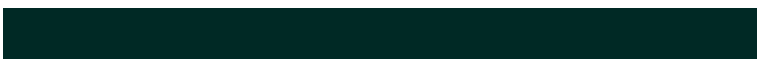
98.6030, 55.4117, -86.4748



101.5970, 1.1847, -6.6626



115.9440, 17.7756, -101.6829



28.2850, 4.2965, -24.8059

Inverse Universe

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



65.3690, -22.3669, 127.7184



78.9810, -27.1056, 154.3687



112.3970, -55.4117, 86.4748



97.4030, -1.1847, 6.6626



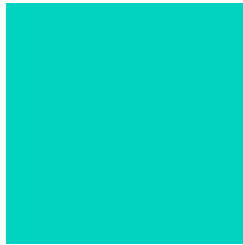
52.0560, -17.7756, 101.6829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 145.6310, 22.3669, -127.7184 looks on a white background.

Color Contrast Check

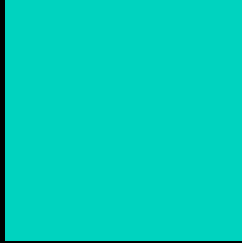
Large Text (above 18pt) WCAG AA × Fail

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 145.6310, 22.3669, -127.7184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

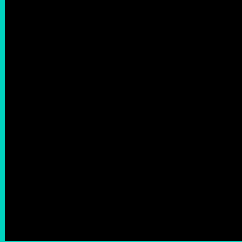
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

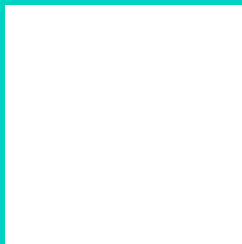
Any Text WCAG AAA ✓ Pass

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

YUV 145.6310, 22.3669, -127.7184 Background



This preview shows how black text looks on a background with the YUV color 145.6310, 22.3669, -127.7184.



This preview shows how white text looks on a background with the YUV color 145.6310, 22.3669, -127.7184.

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

186.7680, -4.8156, 4.5885

Deuteranopia

188.6190, 4.6248, 9.9811

Tritanopia

162.1910, 29.9788, -95.7605

Trichromacy



Protanomaly

171.6910, 5.0823, -43.5790

Deuteranomaly

172.9070, 10.8918, -40.2604

Tritanomaly

156.3160, 26.9592, -107.2711

Monochromacy



Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0650, 7.8560, -46.5380

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6310, 22.3669, -127.7184 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, 211, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 191)  
}
```

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, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 191) }
```

Border

The CSS property to change the border of an element to YUV 145.6310, 22.3669, -127.7184 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, 211, 191) }
```

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

```
.border{ border-color:rgb(0, 211, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
191) }
```


Background

The CSS property to change the background color of an element to YUV 145.6310, 22.3669, -127.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 191) }
```

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

```
.background{ background-color: rgb(0, 211,  
191) }
```

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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