

Converting Colors

YIQ(145.4330, -110.2110,
-56.6350)

Have a look what the booklet for
YIQ(145.4330, -110.2110, -56.6350)
contains.

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Color

**YIQ(145.4330, -110.2110,
-56.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	05D4AB
RGB	5, 212, 171
RGB Percent	2%, 83%, 67%
CMY	0.9808, 0.1683, 0.3298
CMYK	0.98, 0.00, 0.19, 0.17
HSL	168°, 96%, 43%
HSV	168°, 98%, 83%
XYZ	30.9670, 50.0982, 46.5142
YIQ	145.4330, -110.2110, -56.6350

Conversions

Conversions Part 2

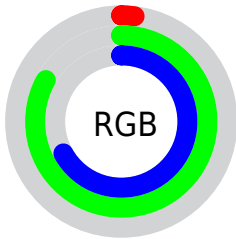
Format	Color
RYB	5, 120, 212
Decimal	382123
CIELab	76.13, -53.06, 8.22
CIELCh	76, 53.691, 171.198
Yxy	50.0982, 0.2427, 0.3927
Android (android.graphics.Color)	4278572203 (0xFF05D4AB)
YUV	145.4330, 12.6045, -123.1597
Hunter-Lab	70.7801, -45.7696, 10.5827

Details

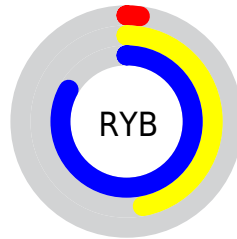
The YIQ color **145.4330, -110.2110, -56.6350** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **71.5670, 110.2110, 56.6350**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1430, -79.4950, -40.6070**, and **105.1380, -81.0990, -44.5790** is the 20% darker color. If you saturate the color by 10%, you get **143.8240, -112.8700, -58.0060**, and if you desaturate by 10%, it is **152.1680, -98.9790, -50.9390**.

Distribution



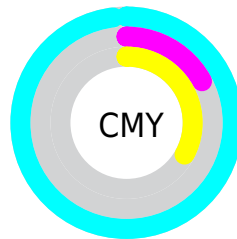
- Red (2%)
- Green (83%)
- Blue (67%)



- Red (2%)
- Yellow (47%)
- Blue (83%)



- Cyan (98%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (98%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.4330, -110.2110, -56.6350 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 YIQ color 145.4330, -110.2110, -56.6350 by changing the saturation by 10% instead.

■ 145.4330,
-110.2110, -56.6350

■ 145.4330,
-110.2110, -56.6350

■ 255.0000, -0.0000,
-0.0000

■ 124.4240,
-96.8240, -51.4480

■ 207.1430,
-79.4950, -40.6070

■ 105.1380,
-81.0990, -44.5790

■ 220.3160,
-69.1360, -24.5920

■ 86.4390, -65.6490,
-38.2330

■ 229.5850,
-50.6600, -18.0200

■ 68.4410, -50.7950,
-32.0990

■ 239.1530,
-31.5880, -11.2360

■ 51.2580, -36.8580,
-25.8660

■ 248.4220,
-13.1120, -4.6640

■ 34.7760, -23.5170,
-19.8450

■ 17.7240, -8.5710,

-15.3790

■ 0.0000, 0.0000,
0.0000

■ 145.4330,
-110.2110, -56.6350

■ 145.4330,
-110.2110, -56.6350

■ 143.8240,
-112.8700, -58.0060

■ 152.1680,
-98.9790, -50.9390

■ 158.9030,
-87.7470, -45.2430

■ 166.0510,
-76.2400, -39.0240

■ 172.7860,
-65.0080, -33.3280

■ 179.5210,
-53.7760, -27.6320

■ 186.2560,
-42.5440, -21.9360

■ 192.9910,
-31.3120, -16.2400

■ 200.1390,
-19.8050, -10.0210

■ 206.8740, -8.5730,
-4.3250

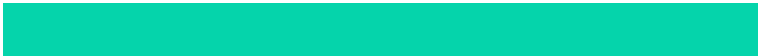
Harmonies

Analogous

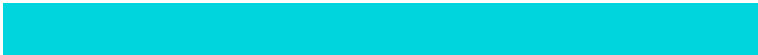
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.0200, -22.2290, -43.1970



145.4330, -110.2110, -56.6350



150.3390, -129.8370, -42.3570

Triad

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



145.4330, -110.2110, -56.6350



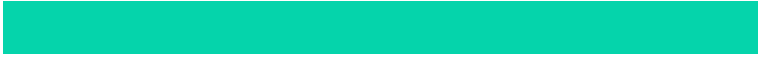
184.9620, -31.2270, 20.7810



184.1070, 71.4780, 4.1660

Complementary

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



145.4330, -110.2110, -56.6350



71.5670, 110.2110, 56.6350

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.



180.7910, 61.5250, 24.8610



145.4330, -110.2110, -56.6350



193.2720, 15.5350, 43.3670

Square

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



145.4330, -110.2110, -56.6350



159.9580, -105.6340, -12.9140



186.4910, 45.4750, 40.4110



184.3480, 59.6530, -18.3230

Rectangle

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



145.4330, -110.2110, -56.6350



151.9980, -138.6420, -31.4580



186.4910, 45.4750, 40.4110



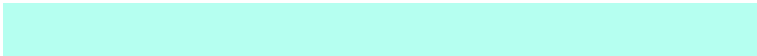
182.0670, 68.9550, 11.3470

Sweetspot

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



145.4330, -110.2110, -56.6350



231.1640, -39.2890, -20.3530



138.7680, -32.4890, -99.5690



113.5190, -23.9310, -12.3390



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.



145.4330, -110.2110, -56.6350



172.9410, -135.6090, -69.9210



113.7130, -106.3220, -11.4580



103.4830, -5.9140, -2.9540



115.9950, -91.0020, -46.8260



29.2310, -23.0600, -11.6040

Inverse Universe

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



71.5670, 110.2110, 56.6350



82.0590, 135.6090, 69.9210



103.2870, 106.3220, 11.4580



99.6310, 5.5930, 3.2650



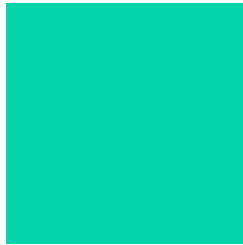
55.0050, 91.0020, 46.8260



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 145.4330, -110.2110, -56.6350 looks on a white background.

Color Contrast Check

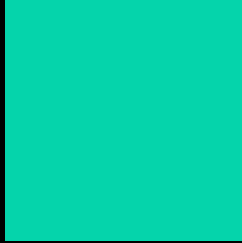
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 145.4330, -110.2110, -56.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

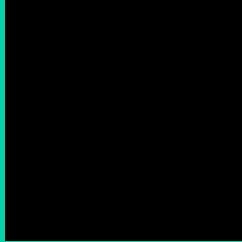
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

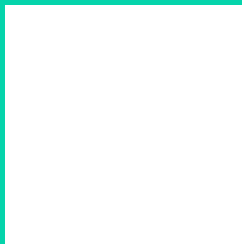
Any Text WCAG AAA ✓ Pass

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

YIQ 145.4330, -110.2110, -56.6350 Background



This preview shows how black text looks on a background with the YIQ color 145.4330, -110.2110, -56.6350.



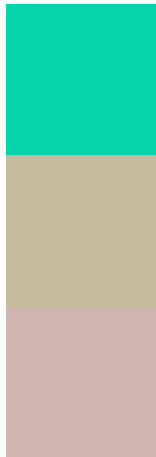
This preview shows how white text looks on a background with the YIQ color 145.4330, -110.2110, -56.6350.

-56.6350.

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

145.4330, -110.2110, -56.6350

Protanopia

185.6840, 15.2690, -6.8990

Deuteranopia

187.8450, 16.7340, 5.1020



Tritanopia

164.7790, -89.4930, -24.6050

Trichromacy



Original Color

145.4330, -110.2110, -56.6350



Protanomaly

170.6070, -30.5310, -24.8910



Deuteranomaly

172.4210, -29.7070, -17.7950



Tritanomaly

157.7960, -97.3310, -36.7470

Monochromacy



Original Color

145.4330, -110.2110, -56.6350



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.8650, -39.8850, -20.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4330, -110.2110, -56.6350 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(5, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(5, 212, 171)  
}
```

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(5, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 212, 171) }
```

Border

The CSS property to change the border of an element to YIQ 145.4330, -110.2110, -56.6350 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(5, 212, 171) }
```


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

```
.border{ border-color:rgb(5, 212, 171) }
```

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

Here you see how a box with a 4 pixel rgb(5, 212, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(5, 212,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4330, -110.2110, -56.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 212, 171) }
```

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

```
.background{ background-color: rgb(5, 212,  
171) }
```

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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