

Converting Colors

YIQ(140.5470, -110.5320,
-56.3240)

Have a look what the booklet for
YIQ(140.5470, -110.5320, -56.3240)
contains.

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Color

**YIQ(140.5470, -110.5320,
-56.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	00CFA7
RGB	0, 207, 167
RGB Percent	0%, 81%, 65%
CMY	0.9999, 0.1879, 0.3455
CMYK	1.00, 0.00, 0.19, 0.19
HSL	168°, 100%, 41%
HSV	168°, 100%, 81%
XYZ	29.2993, 47.4540, 44.1241
YIQ	140.5470, -110.5320, -56.3240

Conversions

Conversions Part 2

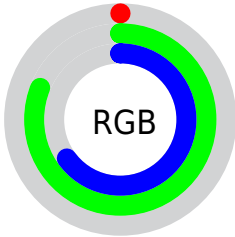
Format	Color
RYB	0, 115, 207
Decimal	53159
CIELab	74.48, -52.24, 8.00
CIELCh	74, 52.844, 171.297
Yxy	47.4540, 0.2424, 0.3926
Android (android.graphics.Color)	4278243239 (0xFF00CFA7)
YUV	140.5470, 13.0413, -123.2597
Hunter-Lab	68.8868, -44.6313, 10.2437

Details

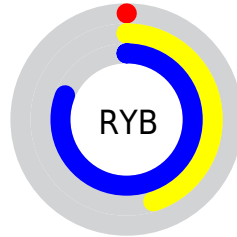
The YIQ color **140.5470, -110.5320, -56.3240** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **66.4530, 110.5320, 56.3240**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.0890, -79.4030, -42.2750**, and **101.7470, -78.4400, -43.2080** is the 20% darker color. If you saturate the color by 10%, you get **140.5470, -110.5320, -56.3240**, and if you desaturate by 10%, it is **147.2820, -99.3000, -50.6280**.

Distribution



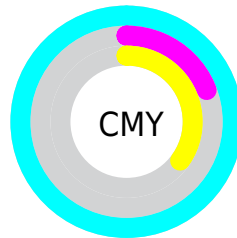
- Red (0%)
- Green (81%)
- Blue (65%)



- Red (0%)
- Yellow (45%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.5470, -110.5320, -56.3240 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 140.5470, -110.5320, -56.3240 by changing the saturation by 10% instead.

■ 140.5470,
-110.5320, -56.3240

■ 140.5470,
-110.5320, -56.3240

■ 255.0000, -0.0000,
-0.0000

■ 121.1470,
-94.4860, -49.7660

■ 206.0890,
-79.4030, -42.2750

■ 101.7470,
-78.4400, -43.2080

■ 218.9630,
-69.6400, -26.4720

■ 83.6350, -63.2650,
-37.3850

■ 228.9870,
-51.8520, -18.4440

■ 65.7510, -48.7320,
-30.9400

■ 238.2560,
-33.3760, -11.8720

■ 48.5680, -34.7950,
-24.7070

■ 247.5250,
-14.9000, -5.3000

■ 32.0860, -21.4540,
-18.6860

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 140.5470,
-110.5320, -56.3240

■ 147.2820,
-99.3000, -50.6280

■ 153.7180,
-88.6640, -45.1440

■ 160.4530,
-77.4320, -39.4480

■ 167.1880,
-66.2000, -33.7520

■ 173.9230,
-54.9680, -28.0560

■ 180.3590,
-44.3320, -22.5720

■ 187.0940,
-33.1000, -16.8760

■ 193.8290,
-21.8680, -11.1800

■ 200.2650,
-11.2320, -5.6960

Harmonies

Analogous

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



168.4330, -21.9540, -42.6740



140.5470, -110.5320, -56.3240



146.8340, -126.8570, -41.2970

Triad

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



140.5470, -110.5320, -56.3240



181.4180, -32.5110, 22.0250



181.4170, 73.5410, 5.3250

Complementary

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



140.5470, -110.5320, -56.3240



66.4530, 110.5320, 56.3240

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.



177.9870, 63.9090, 25.7090



140.5470, -110.5320, -56.3240



188.8590, 15.2600, 42.8440

Square

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



140.5470, -110.5320, -56.3240



157.3110, -105.1300, -11.0340



183.4590, 48.5010, 40.6370



179.9780, 57.8190, -18.1250

Rectangle

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



140.5470, -110.5320, -56.3240



148.3790, -135.3410, -30.7090



183.4590, 48.5010, 40.6370



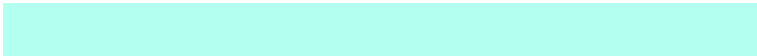
179.2630, 71.3390, 12.1950

Sweetspot

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



140.5470, -110.5320, -56.3240



230.5660, -40.4810, -20.7770



133.7680, -32.4890, -99.5690



113.2200, -24.5270, -12.5510



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.



140.5470, -110.5320, -56.3240



173.1690, -136.2510, -69.2990



108.7130, -106.3220, -11.4580



101.4830, -5.9140, -2.9540



114.1200, -89.8560, -45.5680



27.8290, -21.8680, -11.1800

Inverse Universe

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



66.4530, 110.5320, 56.3240



81.8310, 136.2510, 69.2990



98.2870, 106.3220, 11.4580



97.5170, 5.9140, 2.9540



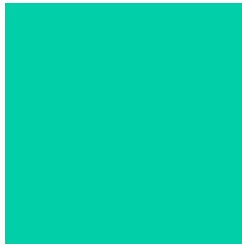
53.9940, 89.5350, 45.8790



13.1710, 21.8680, 11.1800

Previews

White Background



This preview shows how the YIQ color 140.5470, -110.5320, -56.3240 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 140.5470, -110.5320, -56.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

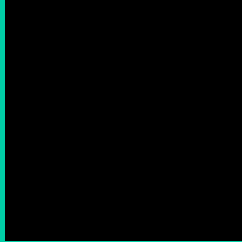
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

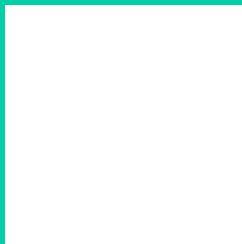
Any Text WCAG AAA ✓ Pass

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

YIQ 140.5470, -110.5320, -56.3240 Background



This preview shows how black text looks on a background with the YIQ color 140.5470, -110.5320, -56.3240.



This preview shows how white text looks on a background with the YIQ color 140.5470, -110.5320, -56.3240.

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

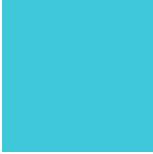
140.5470, -110.5320, -56.3240

Protanopia

180.9120, 14.6270, -6.2770

Deuteranopia

183.5460, 16.1380, 4.8900



Tritanopia

160.6760, -87.7050, -23.9690

Trichromacy



Original Color

140.5470, -110.5320, -56.3240



Protanomaly

166.1340, -30.5770, -24.0570



Deuteranomaly

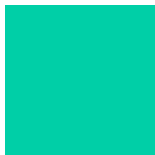
167.8340, -29.4320, -17.2720



Tritanomaly

153.5080, -96.4600, -36.0120

Monochromacy



Original Color

140.5470, -110.5320, -56.3240



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

140.8650, -39.8850, -20.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.5470, -110.5320, -56.3240 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, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 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, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 167) }
```

Border

The CSS property to change the border of an element to YIQ 140.5470, -110.5320, -56.3240 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, 207, 167) }
```


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

```
.border{ border-color:rgb(0, 207, 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, 207, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 140.5470, -110.5320, -56.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 167) }
```

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

```
.background{ background-color: rgb(0, 207,  
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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