

Converting Colors

YIQ(142.8950, -111.6320,
-58.4160)

Have a look what the booklet for
YIQ(142.8950, -111.6320, -58.4160)
contains.

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Color

**YIQ(142.8950, -111.6320,
-58.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	00D3A7
RGB	0, 211, 167
RGB Percent	0%, 83%, 65%
CMY	0.9999, 0.1722, 0.3455
CMYK	1.00, 0.00, 0.21, 0.17
HSL	167°, 100%, 41%
HSV	167°, 100%, 83%
XYZ	30.2817, 49.4187, 44.4514
YIQ	142.8950, -111.6320, -58.4160

Conversions

Conversions Part 2

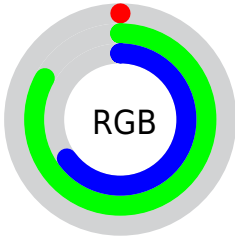
Format	Color
RYB	0, 118, 211
Decimal	54183
CIELab	75.71, -53.81, 9.76
CIELCh	76, 54.689, 169.725
Yxy	49.4187, 0.2439, 0.3981
Android (android.graphics.Color)	4278244263 (0xFF00D3A7)
YUV	142.8950, 11.8838, -125.3189
Hunter-Lab	70.2985, -46.1318, 11.7184

Details

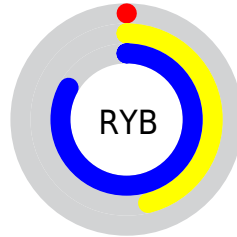
The YIQ color **142.8950, -111.6320, -58.4160** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **68.1050, 111.6320, 58.4160**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3880, -78.8070, -42.0630**, and **104.0950, -79.5400, -45.3000** is the 20% darker color. If you saturate the color by 10%, you get **142.8950, -111.6320, -58.4160**, and if you desaturate by 10%, it is **149.6300, -100.4000, -52.7200**.

Distribution



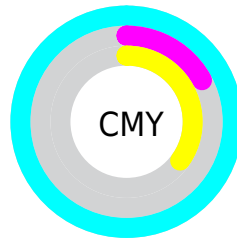
- Red (0%)
- Green (83%)
- Blue (65%)



- Red (0%)
- Yellow (46%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8950, -111.6320, -58.4160 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 142.8950, -111.6320, -58.4160 by changing the saturation by 10% instead.

■ 142.8950,
-111.6320, -58.4160

■ 142.8950,
-111.6320, -58.4160

■ 255.0000, -0.0000,
-0.0000

■ 123.4950,
-95.5860, -51.8580

■ 206.3880,
-78.8070, -42.0630

■ 104.0950,
-79.5400, -45.3000

■ 219.5610,
-68.4480, -26.0480

■ 85.3960, -64.0900,
-38.9540

■ 229.2860,
-51.2560, -18.2320

■ 67.5120, -49.5570,
-32.5090

■ 238.5550,
-32.7800, -11.6600

■ 50.3290, -35.6200,
-26.2760

■ 248.1230,
-13.7080, -4.8760

■ 33.8470, -22.2790,
-20.2550

■ 16.4360, -7.7000,

-14.6440

■ 0.0000, 0.0000,
0.0000

■ 142.8950,
-111.6320, -58.4160

■ 149.6300,
-100.4000, -52.7200

■ 156.4790,
-89.4890, -46.7130

■ 163.2140,
-78.2570, -41.0170

■ 170.0630,
-67.3460, -35.0100

■ 177.0970,
-55.5180, -29.1020

■ 183.8320,
-44.2860, -23.4060

■ 190.6810,
-33.3750, -17.3990

■ 197.4160,
-22.1430, -11.7030

■ 204.2650,
-11.2320, -5.6960

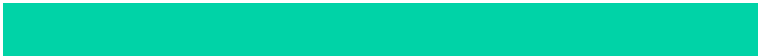
Harmonies

Analogous

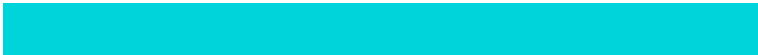
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.2760, -20.0740, -43.7060



142.8950, -111.6320, -58.4160



149.4100, -128.5990, -42.7670

Triad

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



142.8950, -111.6320, -58.4160



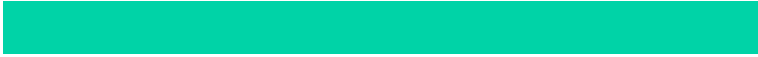
183.1680, -34.8030, 19.5090



182.2320, 72.6240, 5.4240

Complementary

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



142.8950, -111.6320, -58.4160



68.1050, 111.6320, 58.4160

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.



179.6170, 62.0750, 25.9070



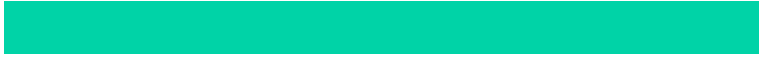
142.8950, -111.6320, -58.4160



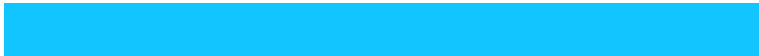
192.0160, 13.3800, 43.8760

Square

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



142.8950, -111.6320, -58.4160



150.3900, -124.7060, -19.6980



185.4310, 45.7040, 41.7680



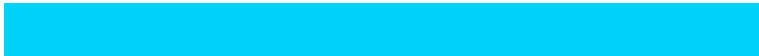
183.2450, 61.4410, -17.6870

Rectangle

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



142.8950, -111.6320, -58.4160



151.7700, -138.0000, -32.0800



185.4310, 45.7040, 41.7680



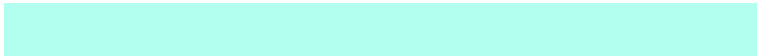
180.8930, 69.5050, 12.3930

Sweetspot

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



142.8950, -111.6320, -58.4160



230.4520, -40.1600, -21.0880



137.6110, -30.6090, -100.6010



113.1060, -24.2060, -12.8620



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.



142.8950, -111.6320, -58.4160



172.7130, -134.9670, -70.5430



112.6910, -109.2560, -13.3520



101.3690, -5.5930, -3.2650



113.7780, -88.8930, -46.5010



27.7150, -21.5470, -11.4910

Inverse Universe

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



68.1050, 111.6320, 58.4160



82.2870, 134.9670, 70.5430



98.3090, 109.2560, 13.3520



97.5170, 5.9140, 2.9540



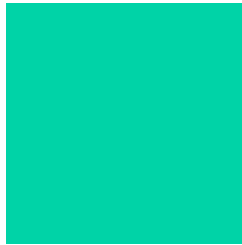
54.2220, 88.8930, 46.5010



13.2850, 21.5470, 11.4910

Previews

White Background



This preview shows how the YIQ color 142.8950, -111.6320, -58.4160 looks on a white background.

Color Contrast Check

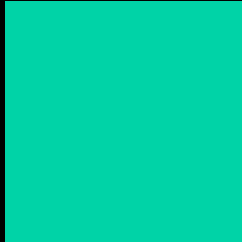
Large Text (above 18pt) WCAG AA × Fail

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 142.8950, -111.6320, -58.4160 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

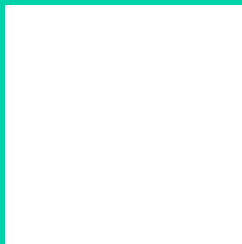
Any Text WCAG AAA ✓ Pass

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

YIQ 142.8950, -111.6320, -58.4160 Background



This preview shows how black text looks on a background with the YIQ color 142.8950, -111.6320, -58.4160.



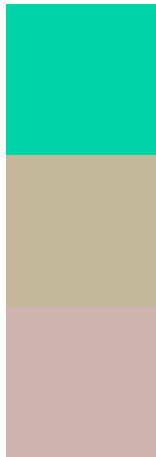
This preview shows how white text looks on a background with the YIQ color 142.8950, -111.6320, -58.4160.

-58.4160.

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

142.8950, -111.6320, -58.4160

Protanopia

184.4560, 15.9110, -7.5210

Deuteranopia

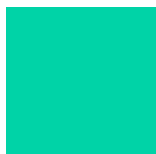
186.8020, 18.2930, 4.3810



Tritanopia

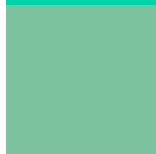
163.9640, -88.5760, -24.7040

Trichromacy



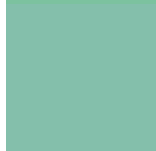
Original Color

142.8950, -111.6320, -58.4160



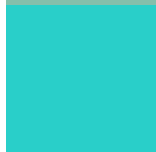
Protanomaly

169.0800, -30.4850, -25.7250



Deuteranomaly

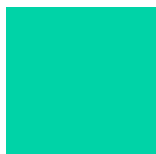
171.0790, -28.7440, -18.7280



Tritanomaly

156.6820, -97.0100, -37.0580

Monochromacy



Original Color

142.8950, -111.6320, -58.4160



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

143.1530, -40.7560, -21.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8950, -111.6320, -58.4160 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 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, 211, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 167) }
```

Border

The CSS property to change the border of an element to YIQ 142.8950, -111.6320, -58.4160 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, 167) }
```


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

```
.border{ border-color:rgb(0, 211, 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, 211, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8950, -111.6320, -58.4160 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, 167) }
```

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

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