

Converting Colors

YIQ(151.9110, -117.7290,
-63.5610)

Have a look what the booklet for
YIQ(151.9110, -117.7290, -63.5610)
contains.

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Color

**YIQ(151.9110, -117.7290,
-63.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	00E1AE
RGB	0, 225, 174
RGB Percent	0%, 88%, 68%
CMY	0.9999, 0.1173, 0.3181
CMYK	1.00, 0.00, 0.23, 0.12
HSL	166°, 100%, 44%
HSV	166°, 100%, 88%
XYZ	34.5801, 56.9533, 49.1592
YIQ	151.9110, -117.7290, -63.5610

Conversions

Conversions Part 2

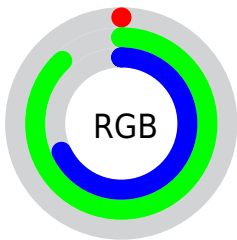
Format	Color
RYB	0, 127, 225
Decimal	57774
CIELab	80.15, -57.51, 12.35
CIELCh	80, 58.822, 167.879
Yxy	56.9533, 0.2458, 0.4048
Android (android.graphics.Color)	4278247854 (0xFF00E1AE)
YUV	151.9110, 10.8899, -133.2259
Hunter-Lab	75.4674, -50.2770, 14.2059

Details

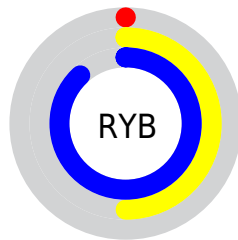
The YIQ color **151.9110, -117.7290, -63.5610** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **73.0890, 117.7290, 63.5610**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1970, -79.5870, -38.9390**, and **112.5240, -85.3620, -49.9220** is the 20% darker color. If you saturate the color by 10%, you get **151.9110, -117.7290, -63.5610**, and if you desaturate by 10%, it is **159.3580, -105.6260, -57.1300**.

Distribution



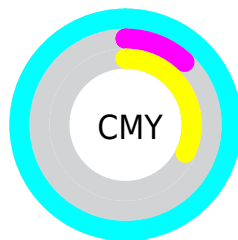
- Red (0%)
- Green (88%)
- Blue (68%)



- Red (0%)
- Yellow (50%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.9110, -117.7290, -63.5610 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 151.9110, -117.7290, -63.5610 by changing the saturation by 10% instead.

■ 151.9110,
-117.7290, -63.5610

■ 151.9110,
-117.7290, -63.5610

■ 255.0000, -0.0000,
-0.0000

■ 131.8100,
-101.0870, -56.7910

■ 208.0830,
-79.2660, -39.2500

■ 112.4100,
-85.0410, -50.2330

■ 221.2130,
-67.3480, -23.9560

■ 93.8250, -69.9120,
-43.5760

■ 230.7810,
-48.2760, -17.1720

■ 75.8270, -55.0580,
-37.4420

■ 240.3490,
-29.2040, -10.3880

■ 57.9430, -40.5250,
-30.9970

■ 249.6180,
-10.7280, -3.8160

■ 40.8740, -26.9090,
-24.4530

■ 24.0500, -12.6050,

-19.3650

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,
0.0000

■ 151.9110,
-117.7290, -63.5610

■ 159.3580,
-105.6260, -57.1300

■ 166.5060,
-94.1190, -50.9110

■ 173.9530,
-82.0160, -44.4800

■ 181.1010,
-70.5090, -38.2610

■ 188.5480,
-58.4060, -31.8300

■ 195.8100,
-47.2200, -25.3000

■ 203.2570,
-35.1170, -18.8690

■ 210.4050,
-23.6100, -12.6500

■ 217.8520,
-11.5070, -6.2190

Harmonies

Analogous

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



182.2390, -18.6520, -47.4520



151.9110, -117.7290, -63.5610



158.9960, -136.3010, -46.3570

Triad

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



151.9110, -117.7290, -63.5610



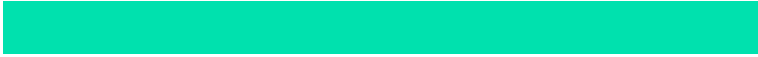
191.6960, -36.5900, 13.3460



188.4270, 67.5810, 3.2050

Complementary

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



151.9110, -117.7290, -63.5610



73.0890, 117.7290, 63.5610

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.



185.2080, 55.9770, 26.2890



151.9110, -117.7290, -63.5610



202.4030, 16.5440, 41.6000

Square

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



151.9110, -117.7290, -63.5610



152.9270, -139.8800, -31.0480



192.6520, 37.7720, 42.3480



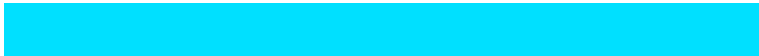
195.2520, 68.7310, -17.6450

Rectangle

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



151.9110, -117.7290, -63.5610



160.5580, -143.4550, -37.8470



192.6520, 37.7720, 42.3480



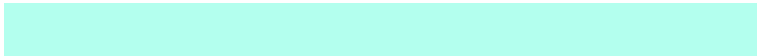
186.6150, 64.4160, 11.0080

Sweetspot

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



151.9110, -117.7290, -63.5610



230.3380, -39.8390, -21.3990



147.9220, -30.2870, -106.4390



112.9920, -23.8850, -13.1730



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.



151.9110, -117.7290, -63.5610



172.1430, -133.3620, -72.0980



122.5050, -117.6000, -16.3200



108.4830, -5.9140, -2.9540



118.8160, -92.0560, -49.7520



32.3940, -25.0770, -13.5970

Inverse Universe

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



73.0890, 117.7290, 63.5610



82.8570, 133.3620, 72.0980



102.4950, 117.6000, 16.3200



104.6310, 5.5930, 3.2650



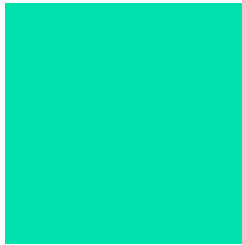
57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 151.9110, -117.7290, -63.5610 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 151.9110, -117.7290, -63.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

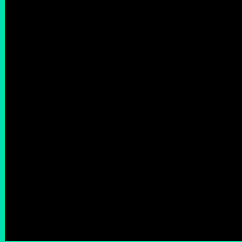
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

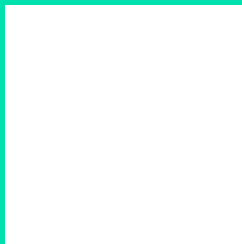
Any Text WCAG AAA ✓ Pass

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

YIQ 151.9110, -117.7290, -63.5610 Background



This preview shows how black text looks on a background with the YIQ color 151.9110, -117.7290, -63.5610.



This preview shows how white text looks on a background with the YIQ color 151.9110, -117.7290, -63.5610.

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

151.9110, -117.7290, -63.5610

Protanopia

196.3700, 19.0290, -8.9630

Deuteranopia

198.6560, 21.6400, 4.2960



Tritanopia

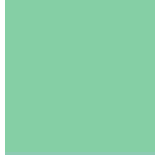
175.0990, -93.3900, -25.5660

Trichromacy



Original Color

151.9110, -117.7290, -63.5610



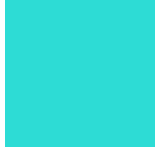
Protanomaly

180.0860, -30.6220, -28.7500



Deuteranomaly

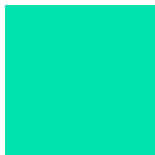
181.7260, -29.2480, -20.6080



Tritanomaly

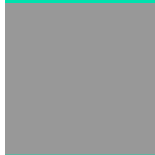
166.8770, -102.0530, -39.2770

Monochromacy



Original Color

151.9110, -117.7290, -63.5610



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

152.3160, -42.7730, -23.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.9110, -117.7290, -63.5610 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, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 174)  
}
```

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, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 174) }
```

Border

The CSS property to change the border of an element to YIQ 151.9110, -117.7290, -63.5610 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, 225, 174) }
```


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

```
.border{ border-color:rgb(0, 225, 174) }
```

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

Here you see how a box with a 4 pixel rgb(0, 225, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 151.9110, -117.7290, -63.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 174) }
```

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

```
.background{ background-color: rgb(0, 225,  
174) }
```

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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