

Converting Colors

YIQ(151.4740, -109.4290,
-70.8130)

Have a look what the booklet for
YIQ(151.4740, -109.4290, -70.8130)
contains.

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Color

**YIQ(151.4740, -109.4290,
-70.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	03E398
RGB	3, 227, 152
RGB Percent	1%, 89%, 60%
CMY	0.9887, 0.1094, 0.4043
CMYK	0.99, 0.00, 0.33, 0.11
HSL	160°, 98%, 45%
HSV	160°, 99%, 89%
XYZ	33.1901, 57.2718, 38.9699
YIQ	151.4740, -109.4290, -70.8130

Conversions

Conversions Part 2

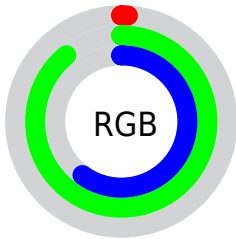
Format	Color
RYB	3, 138, 227
Decimal	254872
CIELab	80.33, -63.13, 24.09
CIELCh	80, 67.570, 159.113
Yxy	57.2718, 0.2564, 0.4425
Android (android.graphics.Color)	4278444952 (0xFF03E398)
YUV	151.4740, 0.2593, -130.2117
Hunter-Lab	75.6782, -54.1521, 22.4438

Details

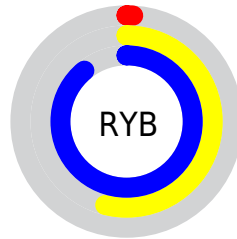
The YIQ color **151.4740, -109.4290, -70.8130** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **78.5260, 109.4290, 70.8130**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.5750, -72.2040, -46.0920**, and **111.3040, -79.1710, -57.4990** is the 20% darker color. If you saturate the color by 10%, you get **150.4630, -110.8960, -71.7600**, and if you desaturate by 10%, it is **159.2630, -98.2890, -63.4490**.

Distribution



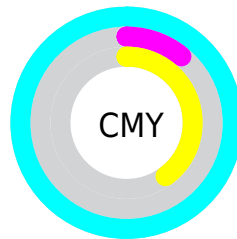
- Red (1%)
- Green (89%)
- Blue (60%)



- Red (1%)
- Yellow (54%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (99%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4740, -109.4290, -70.8130 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 151.4740, -109.4290, -70.8130 by changing the saturation by 10% instead.

■ 151.4740,
-109.4290, -70.8130

■ 151.4740,
-109.4290, -70.8130

■ 255.0000, -0.0000,
-0.0000

■ 130.5900,
-94.8960, -64.3680

■ 205.5750,
-72.2040, -46.0920

■ 111.1900,
-78.8500, -57.8100

■ 218.9330,
-60.9280, -30.1760

■ 92.6050, -63.7210,
-51.1530

■ 230.7810,
-48.2760, -17.1720

■ 74.1340, -48.9130,
-44.1850

■ 240.0500,
-29.8000, -10.6000

■ 56.2500, -34.3800,
-37.7400

■ 249.6180,
-10.7280, -3.8160

■ 38.9530, -20.1220,
-31.8180

■ 24.0670, -11.2750,

-21.4430

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 151.4740,
-109.4290, -70.8130

■ 151.4740,
-109.4290, -70.8130

■ 150.4630,
-110.8960, -71.7600

■ 159.2630,
-98.2890, -63.4490

■ 166.6390,
-87.4240, -56.6080

■ 174.4280,
-76.2840, -49.2440

■ 182.1030,
-64.8230, -42.1910

■ 189.5930,
-54.2790, -35.0390

■ 197.3820,
-43.1390, -27.6750

■ 205.0570,
-31.6780, -20.6220

■ 212.8460,
-20.5380, -13.2580

■ 220.2220, -9.6730,
-6.4170

Harmonies

Analogous

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



183.1620, -2.5580, -52.7820



151.4740, -109.4290, -70.8130



159.7480, -132.9070, -52.8030

Triad

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



151.4740, -109.4290, -70.8130



180.5560, -68.9110, -1.1270



181.8390, 69.5970, 10.7250

Complementary

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



151.4740, -109.4290, -70.8130



78.5260, 109.4290, 70.8130

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.



180.3470, 54.5080, 36.3960



151.4740, -109.4290, -70.8130



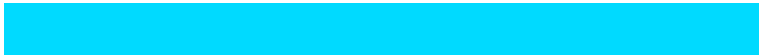
199.9670, 5.9080, 36.1160

Square

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



151.4740, -109.4290, -70.8130



157.0360, -141.8050, -34.7090



192.3390, 31.7640, 52.1160



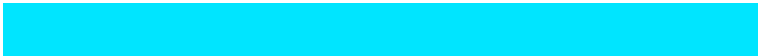
190.7970, 77.4420, -15.8220

Rectangle

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



151.4740, -109.4290, -70.8130



163.4930, -144.8300, -40.4620



192.3390, 31.7640, 52.1160



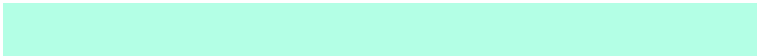
179.8960, 65.4230, 20.2950

Sweetspot

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



151.4740, -109.4290, -70.8130



229.3120, -36.9500, -24.1980



157.8100, -15.1120, -100.6160



112.4220, -22.2800, -14.7280



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.



151.4740, -109.4290, -70.8130



168.9510, -124.3740, -80.8060



140.0660, -124.1540, -29.7060



110.9560, -5.8680, -3.7880



118.6390, -87.4240, -56.6080



33.8130, -24.9390, -16.0990

Inverse Universe

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



78.5260, 109.4290, 70.8130



86.0490, 124.3740, 80.8060



89.9340, 124.1540, 29.7060



107.0440, 5.8680, 3.7880



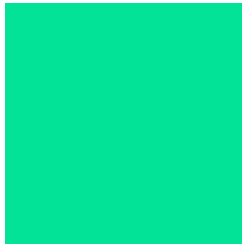
60.3610, 87.4240, 56.6080



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 151.4740, -109.4290, -70.8130 looks on a white background.

Color Contrast Check

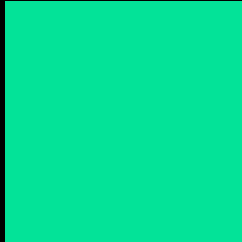
Large Text (above 18pt) WCAG AA × Fail

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 151.4740, -109.4290, -70.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

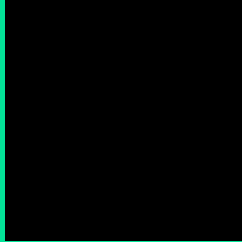
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

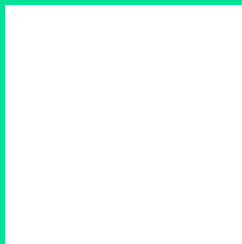
Any Text WCAG AAA ✓ Pass

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

YIQ 151.4740, -109.4290, -70.8130 Background



This preview shows how black text looks on a background with the YIQ color 151.4740, -109.4290, -70.8130.

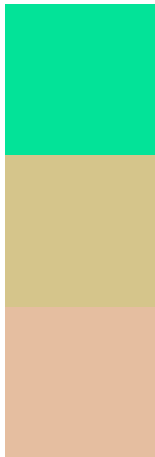


This preview shows how white text looks on a background with the YIQ color 151.4740, -109.4290, -70.8130.

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

151.4740, -109.4290, -70.8130

Protanopia

195.1720, 28.1540, -14.6460

Deuteranopia

198.2410, 32.8740, -1.0620



Tritanopia

177.3770, -88.3010, -24.1810

Trichromacy



Original Color

151.4740, -109.4290, -70.8130



Protanomaly

179.4750, -21.7720, -34.9560



Deuteranomaly

181.0120, -18.6100, -26.1780



Tritanomaly

168.2320, -95.8630, -41.3270

Monochromacy



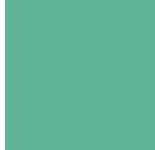
Original Color

151.4740, -109.4290, -70.8130



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.2900, -39.8840, -26.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4740, -109.4290, -70.8130 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(3, 227, 152)` looks like.

```
.text, #text, p{  
    color:rgb(3, 227, 152)  
}
```

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(3, 227, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 227, 152) }
```

Border

The CSS property to change the border of an element to YIQ 151.4740, -109.4290, -70.8130 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(3, 227, 152) }
```


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

```
.border{ border-color:rgb(3, 227, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 227, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 227, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 227, 152);  
box-shadow:4px 4px 4px 4px rgb(3, 227,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4740, -109.4290, -70.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 227, 152) }
```

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

```
.background{ background-color: rgb(3, 227,  
152) }
```

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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