

Converting Colors

YIQ(151.3680, -94.3910,
-68.0150)

Have a look what the booklet for
YIQ(151.3680, -94.3910, -68.0150)
contains.

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Color

**YIQ(151.3680, -94.3910,
-68.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	13DD8C
RGB	19, 221, 140
RGB Percent	7%, 87%, 55%
CMY	0.9260, 0.1330, 0.4513
CMYK	0.91, 0.00, 0.37, 0.13
HSL	156°, 84%, 47%
HSV	156°, 91%, 87%
XYZ	30.8725, 53.7858, 33.5348
YIQ	151.3680, -94.3910, -68.0150

Conversions

Conversions Part 2

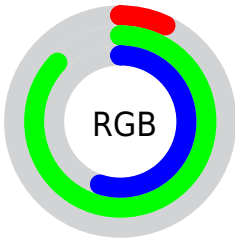
Format	Color
RYB	19, 145, 221
Decimal	1301900
CIELab	78.34, -62.92, 27.58
CIELCh	78, 68.703, 156.328
Yxy	53.7858, 0.2612, 0.4551
Android (android.graphics.Color)	4279491980 (0xFF13DD8C)
YUV	151.3680, -5.6044, -116.0867
Hunter-Lab	73.3388, -53.2021, 24.2264

Details

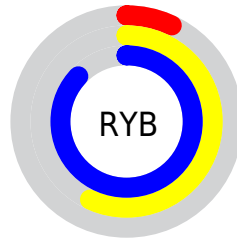
The YIQ color **151.3680, -94.3910, -68.0150** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **88.6320, 94.3910, 68.0150**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6910, -66.8390, -49.7110**, and **106.4140, -73.6690, -58.0930** is the 20% darker color. If you saturate the color by 10%, you get **144.7750, -103.1470, -74.5310**, and if you desaturate by 10%, it is **158.9720, -84.1680, -60.5520**.

Distribution



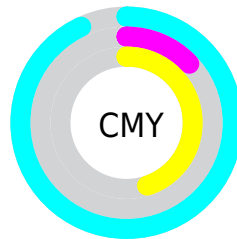
- Red (7%)
- Green (87%)
- Blue (55%)



- Red (7%)
- Yellow (57%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (37%)
- Black (13%)



- Cyan (93%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3680, -94.3910, -68.0150 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 151.3680, -94.3910, -68.0150 by changing the saturation by 10% instead.

■ 151.3680,
-94.3910, -68.0150

■ 151.3680,
-94.3910, -68.0150

■ 255.0000, -0.0000,
-0.0000

■ 125.7000,
-89.3940, -64.9620

■ 204.6910,
-66.8390, -49.7110

■ 106.4140,
-73.6690, -58.0930

■ 217.4510,
-56.7550, -34.2190

■ 87.8290, -58.5400,
-51.4360

■ 230.3250,
-46.9920, -18.4160

■ 69.3580, -43.7320,
-44.4680

■ 240.0500,
-29.8000, -10.6000

■ 52.0610, -29.4740,
-38.5460

■ 249.6180,
-10.7280, -3.8160

■ 35.2200, -16.5000,
-31.3800

■ 21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 151.3680,
-94.3910, -68.0150

■ 151.3680,
-94.3910, -68.0150

■ 144.7750,
-103.1470, -74.5310

■ 158.9720,
-84.1680, -60.5520

■ 166.5760,
-73.9450, -53.0890

■ 174.1800,
-63.7220, -45.6260

■ 181.6700,
-53.1780, -38.4740

■ 189.2740,
-42.9550, -31.0110

■ 197.1770,
-32.1360, -23.3360

■ 204.7810,
-21.9130, -15.8730

■ 212.3850,
-11.6900, -8.4100

■ 219.9890, -1.4670,
-0.9470

Harmonies

Analogous

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



178.2720, 2.9440, -53.3760



151.3680, -94.3910, -68.0150



155.5590, -128.0010, -53.6090

Triad

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



151.3680, -94.3910, -68.0150



169.2380, -85.6910, -5.3950



176.4420, 72.3930, 15.1210

Complementary

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



151.3680, -94.3910, -68.0150



88.6320, 94.3910, 68.0150

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.



176.3520, 56.1120, 40.3680



151.3680, -94.3910, -68.0150



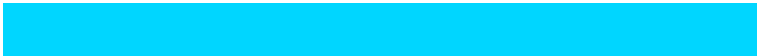
193.4330, -1.3360, 35.2400

Square

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



151.3680, -94.3910, -68.0150



154.6880, -140.7050, -32.6170



189.4040, 33.1390, 54.7310



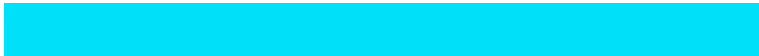
185.6450, 80.9260, -12.8820

Rectangle

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



151.3680, -94.3910, -68.0150



159.8740, -141.5290, -39.7130



189.4040, 33.1390, 54.7310



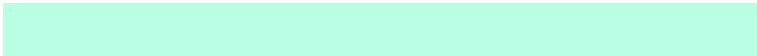
175.0860, 67.9440, 24.1680

Sweetspot

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



151.3680, -94.3910, -68.0150



231.1770, -32.1360, -23.3360



162.6900, -5.4860, -87.8380



113.8030, -18.9790, -13.9790



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.



151.3680, -94.3910, -68.0150



167.1270, -119.2380, -85.7820



150.6230, -115.7170, -33.9330



106.1410, -4.9510, -3.8870



113.4070, -80.9590, -58.1350



30.0800, -21.3170, -15.6610

Inverse Universe

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



88.6320, 94.3910, 68.0150



87.8730, 119.2380, 85.7820



89.3770, 115.7170, 33.9330



102.7450, 5.2720, 3.5760



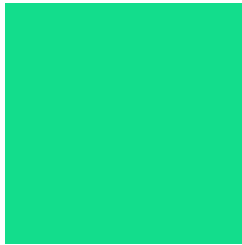
59.7070, 80.6380, 58.4460



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 151.3680, -94.3910, -68.0150 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 151.3680, -94.3910, -68.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

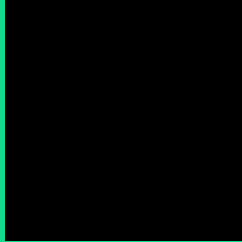
Any Text WCAG AA ✓ Pass

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 151.3680, -94.3910, -68.0150 Background



This preview shows how black text looks on a background with the YIQ color 151.3680, -94.3910, -68.0150.



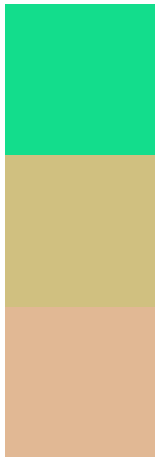
This preview shows how white text looks on a background with the YIQ color 151.3680, -94.3910, -68.0150.

-68.0150.

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

151.3680, -94.3910, -68.0150

Protanopia

189.4880, 30.0800, -16.5120

Deuteranopia

192.1550, 35.9920, -2.5040



Tritanopia

173.1820, -83.2580, -21.9620

Trichromacy



Original Color

151.3680, -94.3910, -68.0150



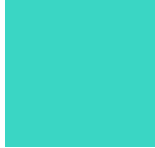
Protanomaly

175.7700, -15.3530, -35.6490



Deuteranomaly

177.0190, -11.3200, -26.1360



Tritanomaly

165.3040, -87.1980, -38.6700

Monochromacy



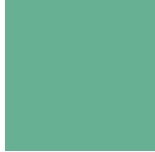
Original Color

151.3680, -94.3910, -68.0150



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.8670, -34.1990, -24.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3680, -94.3910, -68.0150 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(19, 221, 140)` looks like.

```
.text, #text, p{  
    color:rgb(19, 221, 140)  
}
```

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(19, 221, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 221, 140) }
```

Border

The CSS property to change the border of an element to YIQ 151.3680, -94.3910, -68.0150 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(19, 221, 140) }
```


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

```
.border{ border-color:rgb(19, 221, 140) }
```

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

Here you see how a box with a 4 pixel rgb(19, 221, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 221, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 221, 140);  
box-shadow:4px 4px 4px 4px rgb(19, 221,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3680, -94.3910, -68.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 221, 140) }
```

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

```
.background{ background-color: rgb(19, 221,  
140) }
```

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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