

Converting Colors

YIQ(151.6950, -125.3880,
-51.4040)

Have a look what the booklet for
YIQ(151.6950, -125.3880, -51.4040)
contains.

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Color

**YIQ(151.6950, -125.3880,
-51.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	00DBC4
RGB	0, 219, 203
RGB Percent	0%, 86%, 80%
CMY	0.9998, 0.1408, 0.2044
CMYK	1.00, 0.00, 0.07, 0.14
HSL	176°, 100%, 43%
HSV	176°, 100%, 86%
XYZ	36.1203, 55.0170, 65.1382
YIQ	151.6950, -125.3880, -51.4040

Conversions

Conversions Part 2

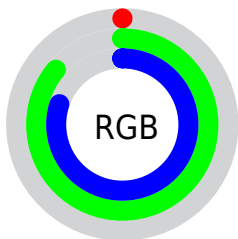
Format	Color
RYB	0, 114, 219
Decimal	56267
CIELab	79.05, -47.54, -4.64
CIELCh	79, 47.763, 185.575
Yxy	55.0170, 0.2311, 0.3521
Android (android.graphics.Color)	4278246347 (0xFF00DBC B)
YUV	151.6950, 25.2934, -133.0365
Hunter-Lab	74.1734, -42.8792, -0.1464

Details

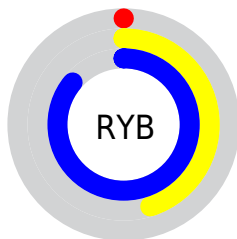
The YIQ color **151.6950, -125.3880, -51.4040** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **67.3050, 125.3880, 51.4040**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.3460, -87.0160, -30.9520**, and **112.6670, -92.6540, -38.9100** is the 20% darker color. If you saturate the color by 10%, you get **151.6950, -125.3880, -51.4040**, and if you desaturate by 10%, it is **158.3870, -112.5970, -46.4290**.

Distribution



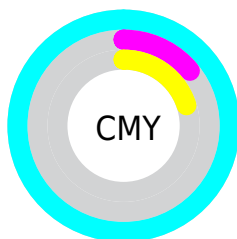
- Red (0%)
- Green (86%)
- Blue (80%)



- Red (0%)
- Yellow (45%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.6950, -125.3880, -51.4040 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 151.6950, -125.3880, -51.4040 by changing the saturation by 10% instead.

151.6950,
-125.3880, -51.4040

151.6950,
-125.3880, -51.4040

255.0000, -0.0000,
-0.0000

132.1810,
-109.0210, -45.1570

211.3460,
-87.0160, -30.9520

112.6670,
-92.6540, -38.9100

221.5120,
-66.7520, -23.7440

93.8540, -76.8830,
-32.8750

231.0800,
-47.6800, -16.9600

75.7420, -61.7080,
-27.0520

240.6480,
-28.6080, -10.1760

58.4450, -47.4500,
-21.1300

249.9170,
-10.1320, -3.6040

41.1480, -33.1920,
-15.2080

25.8400, -20.4010,

-10.2330

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 151.6950,
-125.3880, -51.4040

■ 158.3870,
-112.5970, -46.4290

■ 165.1930,
-100.1270, -41.1430

■ 171.9990,
-87.6570, -35.8570

■ 178.6910,
-74.8660, -30.8820

■ 185.4970,
-62.3960, -25.5960

■ 192.3030,
-49.9260, -20.3100

■ 198.6960,
-37.7310, -15.5470

■ 205.5020,
-25.2610, -10.2610

■ 212.1940,
-12.4700, -5.2860

Harmonies

Analogous

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



178.1780, -43.0450, -40.3970



151.6950, -125.3880, -51.4040



155.4230, -138.6410, -36.9850

Triad

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



151.6950, -125.3880, -51.4040



198.4060, -5.8740, 29.3740



194.7160, 64.9690, -4.5270

Complementary

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



151.6950, -125.3880, -51.4040



67.3050, 125.3880, 51.4040

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.



190.3310, 59.4640, 12.6480



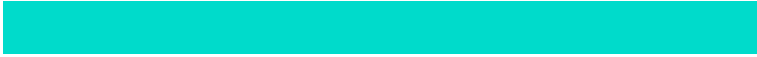
151.6950, -125.3880, -51.4040



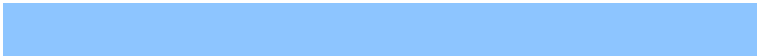
200.2490, 31.5370, 39.7050

Square

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



151.6950, -125.3880, -51.4040



186.8680, -51.9940, 6.1660



191.7110, 47.3110, 29.1590



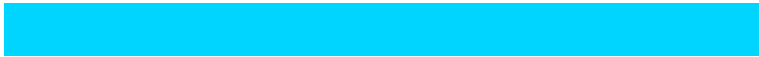
191.6060, 41.1310, -24.0610

Rectangle

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



151.6950, -125.3880, -51.4040



154.1010, -140.4300, -32.0940



191.7110, 47.3110, 29.1590



193.1060, 64.0510, 1.0990

Sweetspot

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



151.6950, -125.3880, -51.4040



231.5920, -43.3700, -17.9780



133.9350, -49.4970, -110.7210



113.7900, -26.1320, -10.9960



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.



151.6950, -125.3880, -51.4040



176.5890, -145.8810, -59.9690



100.1020, -105.4990, 1.1650



106.5970, -6.2350, -2.6430



119.9050, -99.2560, -40.4080



31.9040, -26.4530, -10.6850

Inverse Universe

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



67.3050, 125.3880, 51.4040



78.4110, 145.8810, 59.9690



118.8980, 105.4990, -1.1650



102.2890, 6.5560, 2.3320



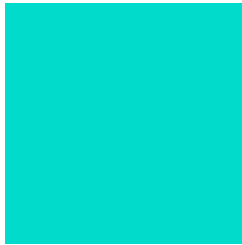
53.2090, 98.9350, 40.7190



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 151.6950, -125.3880, -51.4040 looks on a white background.

Color Contrast Check

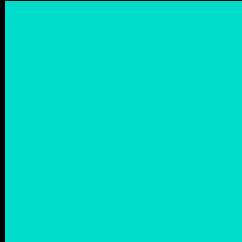
Large Text (above 18pt) WCAG AA × Fail

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 151.6950, -125.3880, -51.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

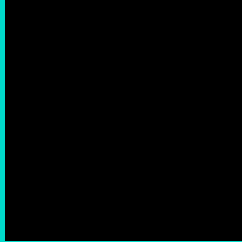
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

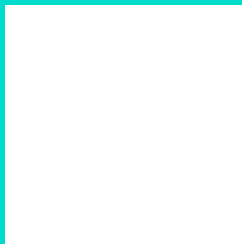
Any Text WCAG AAA ✓ Pass

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

YIQ 151.6950, -125.3880, -51.4040 Background



This preview shows how black text looks on a background with the YIQ color 151.6950, -125.3880, -51.4040.

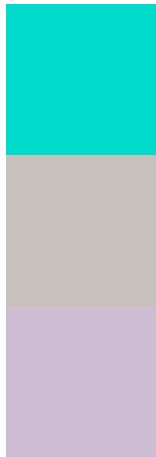


This preview shows how white text looks on a background with the YIQ color 151.6950, -125.3880, -51.4040.

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

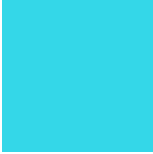
151.6950, -125.3880, -51.4040

Protanopia

194.2240, 5.1810, -0.2830

Deuteranopia

196.4770, 3.3910, 10.1350



Tritanopia

168.2010, -102.6050, -29.2690

Trichromacy



Original Color

151.6950, -125.3880, -51.4040



Protanomaly

178.5490, -41.8110, -18.6990



Deuteranomaly

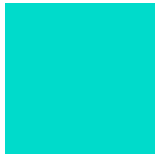
180.1670, -43.3710, -12.4510



Tritanomaly

161.8530, -110.6730, -37.2410

Monochromacy



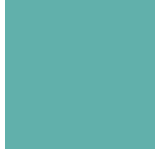
Original Color

151.6950, -125.3880, -51.4040



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

151.8090, -45.4790, -18.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.6950, -125.3880, -51.4040 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, 219, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 203)  
}
```

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, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 203) }
```

Border

The CSS property to change the border of an element to YIQ 151.6950, -125.3880, -51.4040 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, 219, 203) }
```


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

```
.border{ border-color:rgb(0, 219, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 151.6950, -125.3880, -51.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 203) }
```

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

```
.background{ background-color: rgb(0, 219,  
203) }
```

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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