

Converting Colors

YIQ(158.0590, -123.4170,
-48.5770)

Have a look what the booklet for
YIQ(158.0590, -123.4170, -48.5770)
contains.

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Color

**YIQ(158.0590, -123.4170,
-48.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	0ADFD4
RGB	10, 223, 212
RGB Percent	4%, 87%, 83%
CMY	0.9611, 0.1251, 0.1691
CMYK	0.96, 0.00, 0.05, 0.13
HSL	177°, 92%, 46%
HSV	177°, 96%, 87%
XYZ	38.4033, 57.6342, 71.3067
YIQ	158.0590, -123.4170, -48.5770

Conversions

Conversions Part 2

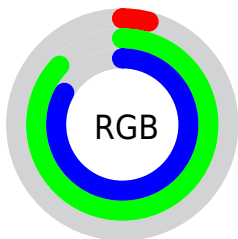
Format	Color
RYB	10, 119, 223
Decimal	712660
CIELab	80.53, -46.46, -7.24
CIELCh	81, 47.019, 188.860
Yxy	57.6342, 0.2295, 0.3444
Android (android.graphics.Color)	4278902740 (0xFF0ADFD4)
YUV	158.0590, 26.5929, -129.8477
Hunter-Lab	75.9172, -42.5594, -2.5473

Details

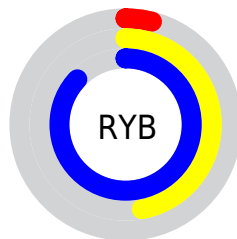
The YIQ color **158.0590, -123.4170, -48.5770** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **74.9410, 123.4170, 48.5770**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, -85.2280, -30.3160**, and **116.0410, -96.6430, -38.2030** is the 20% darker color. If you saturate the color by 10%, you get **154.9550, -129.0560, -51.0080**, and if you desaturate by 10%, it is **164.7510, -110.6260, -43.6020**.

Distribution



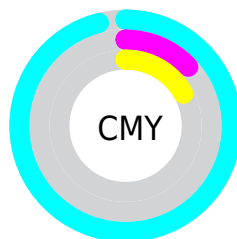
- Red (4%)
- Green (87%)
- Blue (83%)



- Red (4%)
- Yellow (47%)
- Blue (87%)



- Cyan (96%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (96%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0590, -123.4170, -48.5770 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 158.0590, -123.4170, -48.5770 by changing the saturation by 10% instead.

■ 158.0590,
-123.4170, -48.5770

■ 158.0590,
-123.4170, -48.5770

■ 255.0000, -0.0000,
-0.0000

■ 135.4410,
-112.6890, -44.7610

■ 212.2430,
-85.2280, -30.3160

■ 115.9270,
-96.3220, -38.5140

■ 222.4090,
-64.9640, -23.1080

■ 97.1140, -80.5510,
-32.4790

■ 232.2760,
-45.2960, -16.1120

■ 79.0020, -65.3760,
-26.6560

■ 241.5450,
-26.8200, -9.5400

■ 61.0040, -50.5220,
-20.5220

■ 251.1130, -7.7480,
-2.7560

■ 43.7070, -36.2640,
-14.6000

■ 28.9860, -23.7480,

-10.1480

■ 4.4000, -6.8780,
3.5060

■ 0.0000, 0.0000,
0.0000

■ 158.0590,
-123.4170, -48.5770

■ 158.0590,
-123.4170, -48.5770

■ 154.9550,
-129.0560, -51.0080

■ 164.7510,
-110.6260, -43.6020

■ 171.7420,
-97.2390, -38.4150

■ 178.4340,
-84.4480, -33.4400

■ 185.2400,
-71.9780, -28.1540

■ 191.9320,
-59.1870, -23.1790

■ 198.9230,
-45.8000, -17.9920

■ 205.6150,
-33.0090, -13.0170

■ 212.3070,
-20.2180, -8.0420

■ 219.2980, -6.8310,
-2.8550

Harmonies

Analogous

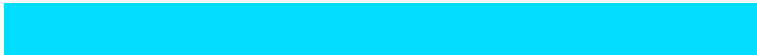
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.9540, -48.2260, -40.1140



158.0590, -123.4170, -48.5770



158.6830, -142.3090, -36.5890

Triad

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



158.0590, -123.4170, -48.5770



203.1570, -0.7390, 29.9250



198.5800, 62.3560, -6.7320

Complementary

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



158.0590, -123.4170, -48.5770



74.9410, 123.4170, 48.5770

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.



193.9670, 57.4930, 9.8210



158.0590, -123.4170, -48.5770



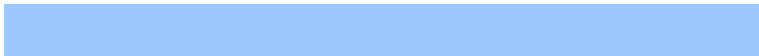
202.0100, 30.7120, 38.1360

Square

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



158.0590, -123.4170, -48.5770



192.8150, -44.4750, 7.5650



194.5320, 46.2570, 26.2330



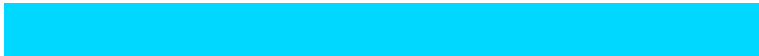
194.9260, 37.2340, -25.0220

Rectangle

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



158.0590, -123.4170, -48.5770



155.8620, -141.2550, -33.6630



194.5320, 46.2570, 26.2330



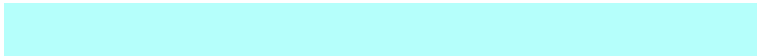
196.8560, 61.7590, -1.4170

Sweetspot

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



158.0590, -123.4170, -48.5770



232.4180, -42.8200, -16.9320



139.2170, -50.2310, -108.4310



114.2030, -25.8570, -10.4730



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.



158.0590, -123.4170, -48.5770



177.2730, -147.8070, -58.1030



105.3090, -101.6480, 2.9600



108.7110, -6.5560, -2.3320



122.3500, -102.0070, -40.1110



33.4200, -27.9660, -10.7980

Inverse Universe

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



74.9410, 123.4170, 48.5770



77.7270, 147.8070, 58.1030



127.6910, 101.6480, -2.9600



104.4030, 6.2350, 2.6430



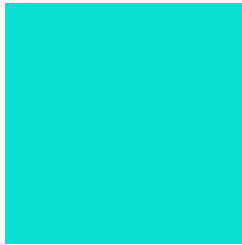
53.6500, 102.0070, 40.1110



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 158.0590, -123.4170, -48.5770 looks on a white background.

Color Contrast Check

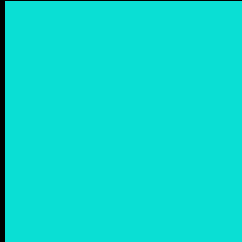
Large Text (above 18pt) WCAG AA × Fail

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 158.0590, -123.4170, -48.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

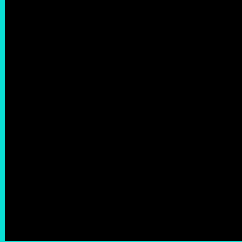
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

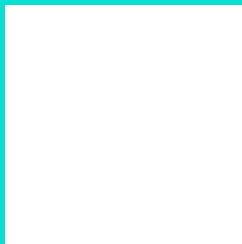
Any Text WCAG AAA ✓ Pass

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

YIQ 158.0590, -123.4170, -48.5770 Background



This preview shows how black text looks on a background with the YIQ color 158.0590, -123.4170, -48.5770.

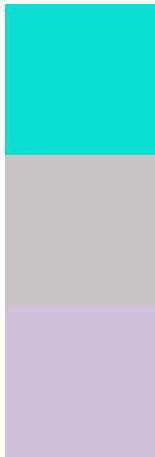


This preview shows how white text looks on a background with the YIQ color 158.0590, -123.4170, -48.5770.

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

158.0590, -123.4170, -48.5770

Protanopia

198.4950, 2.9800, 1.0600

Deuteranopia

200.4490, 0.5940, 11.2660



Tritanopia

170.5210, -106.5020, -30.2300

Trichromacy



Original Color

158.0590, -123.4170, -48.5770



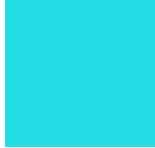
Protanomaly

183.4180, -42.8200, -16.9320



Deuteranomaly

185.0360, -44.3800, -10.6840



Tritanomaly

165.5970, -112.8280, -36.7320

Monochromacy



Original Color

158.0590, -123.4170, -48.5770



Achromatopsia

158.0000, -0.0000, 0.0000



Achromatomaly

158.2220, -45.2040, -17.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0590, -123.4170, -48.5770 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(10, 223, 212)` looks like.

```
.text, #text, p{  
    color:rgb(10, 223, 212)  
}
```

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(10, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 223, 212) }
```

Border

The CSS property to change the border of an element to YIQ 158.0590, -123.4170, -48.5770 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(10, 223, 212) }
```


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

```
.border{ border-color:rgb(10, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(10, 223,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0590, -123.4170, -48.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 223, 212) }
```

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

```
.background{ background-color: rgb(10, 223,  
212) }
```

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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