

Converting Colors

YIQ(183.7350, -122.8650,
-58.5850)

Have a look what the booklet for
YIQ(183.7350, -122.8650, -58.5850)
contains.

YIQ(183.7350, -122.8650, -58.5850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(183.7350, -122.8650,
-58.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	1EFFDC
RGB	30, 255, 220
RGB Percent	12%, 100%, 86%
CMY	0.8828, 0.0000, 0.1377
CMYK	0.88, 0.00, 0.14, 0.00
HSL	171°, 100%, 56%
HSV	171°, 88%, 100%
XYZ	49.1940, 76.9550, 79.8896
YIQ	183.7350, -122.8650, -58.5850

Conversions

Conversions Part 2

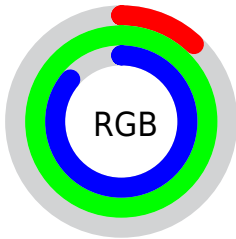
Format	Color
RYB	30, 152, 255
Decimal	2031580
CIELab	90.30, -56.75, 2.89
CIELCh	90, 56.820, 177.085
Yxy	76.9550, 0.2388, 0.3735
Android (android.graphics.Color)	4280221660 (0xFF1EFFDC)
YUV	183.7350, 17.8786, -134.8256
Hunter-Lab	87.7240, -53.4175, 7.4118

Details

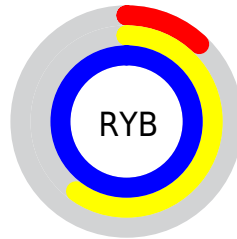
The YIQ color **183.7350, -122.8650, -58.5850** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **101.2650, 122.8650, 58.5850**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.8310, -78.0760, -27.7720**, and **134.4490, -107.1400, -51.7160** is the 20% darker color. If you saturate the color by 10%, you get **175.5050, -137.0770, -65.3410**, and if you desaturate by 10%, it is **191.6660, -109.2490, -52.0410**.

Distribution



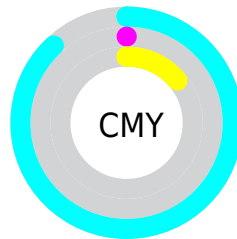
- Red (12%)
- Green (100%)
- Blue (86%)



- Red (12%)
- Yellow (60%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.7350, -122.8650, -58.5850 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 183.7350, -122.8650, -58.5850 by changing the saturation by 10% instead.

183.7350,
-122.8650, -58.5850

183.7350,
-122.8650, -58.5850

255.0000, -0.0000,
-0.0000

154.5500,
-123.7820, -58.4860

215.8310,
-78.0760, -27.7720

134.4490,
-107.1400, -51.7160

225.9970,
-57.8120, -20.5640

115.0490,
-91.0940, -45.1580

235.8640,
-38.1440, -13.5680

96.2360, -75.3230,
-39.1230

245.4320,
-19.0720, -6.7840

77.6510, -60.1940,
-32.4660

59.7670, -45.6610,
-26.0210

42.5840, -31.7240,

-19.7880

■ 26.6890, -18.6580,
-14.2900

■ 1.1740, -0.5500,
-1.0460

■ 183.7350,
-122.8650, -58.5850

■ 183.7350,
-122.8650, -58.5850

■ 175.5050,
-137.0770, -65.3410

■ 191.6660,
-109.2490, -52.0410

■ 174.1950,
-139.1400, -66.5000

■ 199.8960,
-95.0370, -45.2850

■ 207.8270,
-81.4210, -38.7410

■ 216.0570,
-67.2090, -31.9850

■ 223.9880,
-53.5930, -25.4410

■ 232.2180,
-39.3810, -18.6850

■ 240.1490,
-25.7650, -12.1410

■ 248.3790,
-11.5530, -5.3850

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



209.0290, -35.6160, -48.3840



183.7350, -122.8650, -58.5850



178.7550, -151.9800, -54.0600

Triad

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



183.7350, -122.8650, -58.5850



222.2510, -7.4760, 14.3480



211.0240, 52.1780, -9.5020

Complementary

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



183.7350, -122.8650, -58.5850



101.2650, 122.8650, 58.5850

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.



206.6480, 42.4540, 12.5500



183.7350, -122.8650, -58.5850



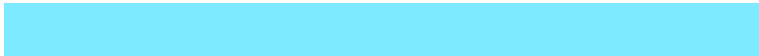
219.7800, 16.5000, 31.3800

Square

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



183.7350, -122.8650, -58.5850



203.8030, -71.7050, -16.5770



210.4560, 26.2200, 31.4360



219.7830, 53.6940, -25.9700

Rectangle

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



183.7350, -122.8650, -58.5850



176.4070, -150.8800, -51.9680



210.4560, 26.2200, 31.4360



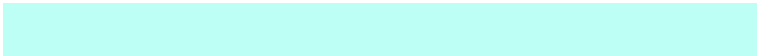
208.9840, 49.6550, -2.3210

Sweetspot

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



183.7350, -122.8650, -58.5850



234.1260, -36.1260, -17.1020



173.1380, -39.8230, -109.8310



115.2420, -21.5930, -10.6570



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.



183.7350, -122.8650, -58.5850



174.1950, -139.1400, -66.5000



143.7000, -113.4750, -8.4750



123.8850, -7.1060, -3.3780



130.4710, -104.2060, -49.8220



43.7240, -34.9340, -16.6780

Inverse Universe

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



101.2650, 122.8650, 58.5850



80.8050, 139.1400, 66.5000



141.3000, 113.4750, 8.4750



119.1150, 7.1060, 3.3780



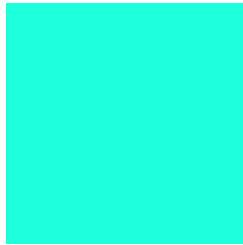
60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 183.7350, -122.8650, -58.5850 looks on a white background.

Color Contrast Check

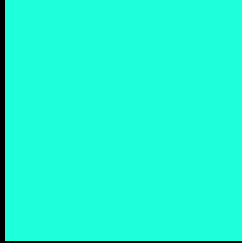
Large Text (above 18pt) WCAG AA × Fail

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 183.7350, -122.8650, -58.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

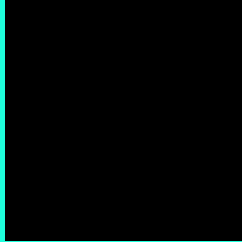
Any Text WCAG AA ✓ Pass

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 183.7350, -122.8650, -58.5850 Background



This preview shows how black text looks on a background with the YIQ color 183.7350, -122.8650, -58.5850.



This preview shows how white text looks on a background with the YIQ color 183.7350, -122.8650, -58.5850.

-58.5850.

Color Blindness Simulation

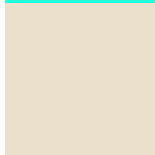
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



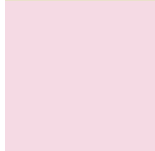
Original Color

183.7350, -122.8650, -58.5850



Protanopia

224.5960, 12.7010, -4.4110



Deuteranopia

227.2130, 12.8820, 8.8340



Tritanopia

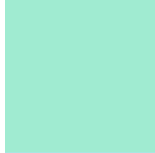
214.4900, -60.5180, -15.5740

Trichromacy



Original Color

183.7350, -122.8650, -58.5850



Protanomaly

209.6110, -36.3540, -23.9860



Deuteranomaly

211.1800, -36.2180, -15.4340



Tritanomaly

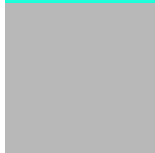
203.0860, -83.3480, -31.3480

Monochromacy



Original Color

183.7350, -122.8650, -58.5850



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.0000, -44.6990, -21.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7350, -122.8650, -58.5850 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(30, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(30, 255, 220)  
}
```

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(30, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 255, 220) }
```

Border

The CSS property to change the border of an element to YIQ 183.7350, -122.8650, -58.5850 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(30, 255, 220) }
```


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

```
.border{ border-color:rgb(30, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(30, 255,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7350, -122.8650, -58.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 255, 220) }
```

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

```
.background{ background-color: rgb(30, 255,  
220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor