

Converting Colors

YIQ(176.3440, -146.5690,
-58.5130)

Have a look what the booklet for
YIQ(176.3440, -146.5690, -58.5130)
contains.

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Color

**YIQ(176.3440, -146.5690,
-58.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	00FEEF
RGB	0, 254, 239
RGB Percent	0%, 100%, 94%
CMY	0.9997, 0.0035, 0.0633
CMYK	1.00, 0.00, 0.06, 0.00
HSL	176°, 100%, 50%
HSV	176°, 100%, 100%
XYZ	51.0342, 77.1748, 93.7552
YIQ	176.3440, -146.5690, -58.5130

Conversions

Conversions Part 2

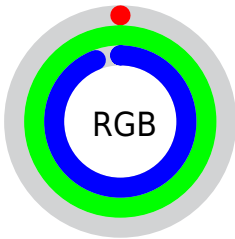
Format	Color
RYB	0, 131, 254
Decimal	65263
CIELab	90.40, -52.24, -6.82
CIELCh	90, 52.681, 187.439
Yxy	77.1748, 0.2299, 0.3477
Android (android.graphics.Color)	4278255343 (0xFF00FEEF)
YUV	176.3440, 30.8894, -154.6537
Hunter-Lab	87.8492, -50.0401, -1.7816

Details

The YIQ color **176.3440, -146.5690, -58.5130** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **77.6560, 146.5690, 58.5130**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3360, -81.0560, -28.8320**, and **135.9140, -112.6430, -45.5950** is the 20% darker color. If you saturate the color by 10%, you get **176.3440, -146.5690, -58.5130**, and if you desaturate by 10%, it is **183.9330, -131.9900, -52.9020**.

Distribution



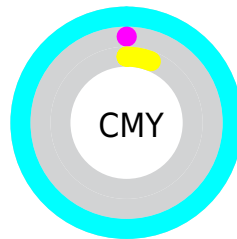
- Red (0%)
- Green (100%)
- Blue (94%)



- Red (0%)
- Yellow (51%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3440, -146.5690, -58.5130 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 176.3440, -146.5690, -58.5130 by changing the saturation by 10% instead.

176.3440,
-146.5690, -58.5130

176.3440,
-146.5690, -58.5130

255.0000, -0.0000,
-0.0000

156.1290,
-129.6060, -52.0540

214.3360,
-81.0560, -28.8320

135.9140,
-112.6430, -45.5950

225.1000,
-59.6000, -21.2000

116.9870,
-96.5510, -39.8710

234.9670,
-39.9320, -14.2040

97.5870, -80.5050,
-33.3130

244.8340,
-20.2640, -7.2080

79.4750, -65.3300,
-27.4900

254.7010, -0.5960,
-0.2120

61.4770, -50.4760,
-21.3560

44.1800, -36.2180,

-15.4340

■ 28.8720, -23.4270,
-10.4590

■ 3.6990, -6.2820,
3.7180

■ 176.3440,
-146.5690, -58.5130

■ 183.9330,
-131.9900, -52.9020

■ 191.9350,
-117.1360, -46.7680

■ 199.5240,
-102.5570, -41.1570

■ 207.5260,
-87.7030, -35.0230

■ 215.1150,
-73.1240, -29.4120

■ 223.1170,
-58.2700, -23.2780

■ 230.8200,
-44.0120, -17.3560

■ 238.4090,
-29.4330, -11.7450

■ 246.4110,
-14.5790, -5.6110

Harmonies

Analogous

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



206.9270, -52.7640, -45.9800



176.3440, -146.5690, -58.5130



176.9940, -151.1550, -52.4910

Triad

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



176.3440, -146.5690, -58.5130



226.7910, 8.7990, 22.2630



215.4920, 50.6200, -14.3080

Complementary

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



176.3440, -146.5690, -58.5130



77.6560, 146.5690, 58.5130

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.



209.9760, 44.1060, 4.6340



176.3440, -146.5690, -58.5130



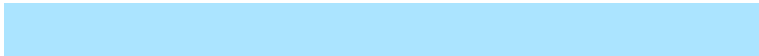
218.6060, 17.0500, 32.4260

Square

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



176.3440, -146.5690, -58.5130



214.0350, -42.6390, -3.6870



210.7520, 30.8980, 23.7460



222.5260, 44.1120, -28.5280

Rectangle

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



176.3440, -146.5690, -58.5130



174.0590, -149.7800, -49.8760



210.7520, 30.8980, 23.7460



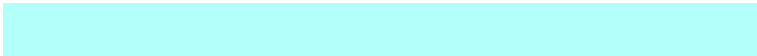
212.9960, 49.3810, -8.3710

Sweetspot

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



176.3440, -146.5690, -58.5130



231.7060, -43.6910, -17.6670



154.1810, -59.7180, -129.2380



113.9040, -26.4530, -10.6850



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.



176.3440, -146.5690, -58.5130



177.0450, -147.1650, -58.7250



113.4840, -121.1340, 3.6820



123.9990, -7.4270, -3.0670



132.6370, -110.3050, -43.9130



44.4080, -36.8600, -14.8120

Inverse Universe

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



77.6560, 146.5690, 58.5130



77.9550, 147.1650, 58.7250



140.5160, 121.1340, -3.6820



119.0010, 7.4270, 3.0670



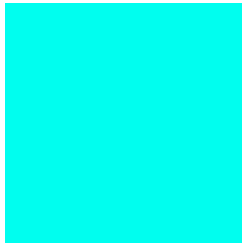
58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 176.3440, -146.5690, -58.5130 looks on a white background.

Color Contrast Check

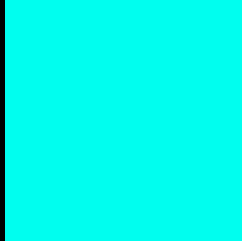
Large Text (above 18pt) WCAG AA × Fail

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 176.3440, -146.5690, -58.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

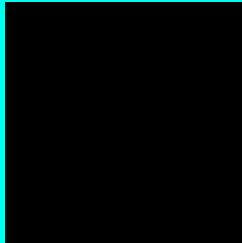
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

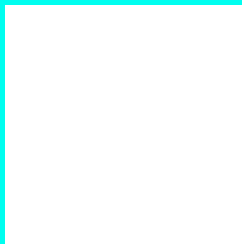
Any Text WCAG AAA ✓ Pass

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

YIQ 176.3440, -146.5690, -58.5130 Background



This preview shows how black text looks on a background with the YIQ color 176.3440, -146.5690, -58.5130.



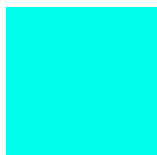
This preview shows how white text looks on a background with the YIQ color 176.3440, -146.5690, -58.5130.

-58.5130.

Color Blindness Simulation

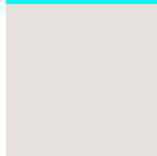
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



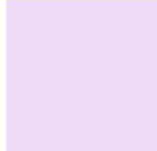
Original Color

176.3440, -146.5690, -58.5130



Protanopia

225.5660, 4.2180, 0.6500



Deuteranopia

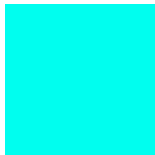
227.8730, 2.3360, 12.7360



Tritanopia

214.4900, -60.5180, -15.5740

Trichromacy



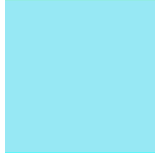
Original Color

176.3440, -146.5690, -58.5130



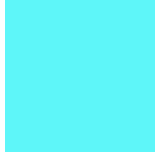
Protanomaly

207.5910, -50.7970, -21.0450



Deuteranomaly

209.1490, -52.1280, -13.4400



Tritanomaly

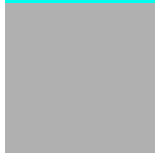
200.8940, -91.5550, -31.2910

Monochromacy



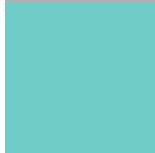
Original Color

176.3440, -146.5690, -58.5130



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.9220, -53.2270, -21.0590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3440, -146.5690, -58.5130 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, 254, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 239)  
}
```

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, 254, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 239) }
```

Border

The CSS property to change the border of an element to YIQ 176.3440, -146.5690, -58.5130 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, 254, 239) }
```


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

```
.border{ border-color:rgb(0, 254, 239) }
```

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

Here you see how a box with a 4 pixel rgb(0, 254, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3440, -146.5690, -58.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 239) }
```

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

```
.background{ background-color: rgb(0, 254,  
239) }
```

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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