

Converting Colors

YIQ(174.8940, -119.0590,
-61.4830)

Have a look what the booklet for
YIQ(174.8940, -119.0590, -61.4830)
contains.

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Color

**YIQ(174.8940, -119.0590,
-61.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	17F7CA
RGB	23, 247, 202
RGB Percent	9%, 97%, 79%
CMY	0.9103, 0.0310, 0.2083
CMYK	0.91, 0.00, 0.18, 0.03
HSL	168°, 93%, 53%
HSV	168°, 91%, 97%
XYZ	44.2871, 71.0185, 67.1816
YIQ	174.8940, -119.0590, -61.4830

Conversions

Conversions Part 2

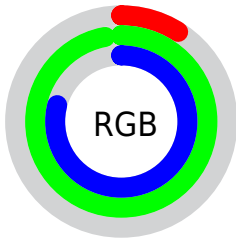
Format	Color
R _Y B	23, 148, 247
Decimal	1570762
CIE Lab	87.49, -58.47, 8.17
CIE LCh	87, 59.034, 172.043
Yxy	71.0185, 0.2427, 0.3892
Android (android.graphics.Color)	4279760842 (0xFF17F7CA)
YUV	174.8940, 13.3633, -133.2110
Hunter-Lab	84.2725, -53.6711, 11.7250

Details

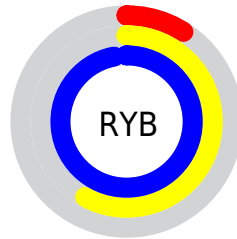
The YIQ color **174.8940, -119.0590, -61.4830** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **95.1060, 119.0590, 61.4830**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3360, -81.0560, -28.8320**, and **127.8150, -99.4830, -52.8190** is the 20% darker color. If you saturate the color by 10%, you get **167.4470, -131.1620, -67.9140**, and if you desaturate by 10%, it is **182.9390, -105.7640, -54.6280**.

Distribution



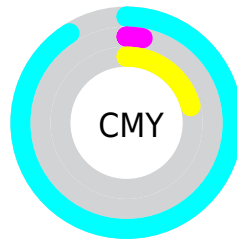
- Red (9%)
- Green (97%)
- Blue (79%)



- Red (9%)
- Yellow (58%)
- Blue (97%)



- Cyan (91%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (91%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8940, -119.0590, -61.4830 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 174.8940, -119.0590, -61.4830 by changing the saturation by 10% instead.

■ 174.8940,
-119.0590, -61.4830

■ 174.8940,
-119.0590, -61.4830

■ 255.0000, -0.0000,
-0.0000

■ 147.9160,
-116.1250, -59.5890

■ 214.3360,
-81.0560, -28.8320

■ 127.8150,
-99.4830, -52.8190

■ 224.5020,
-60.7920, -21.6240

■ 109.0020,
-83.7120, -46.7840

■ 234.3690,
-41.1240, -14.6280

■ 89.7160, -67.9870,
-39.9150

■ 243.9370,
-22.0520, -7.8440

■ 71.8320, -53.4540,
-33.4700

■ 253.5050, -2.9800,
-1.0600

■ 53.9480, -38.9210,
-27.0250

■ 37.4660, -25.5800,

-21.0040

■ 20.6420, -11.2760,
-15.9160

■ 0.0000, 0.0000,
0.0000

■ 174.8940,
-119.0590, -61.4830

■ 174.8940,
-119.0590, -61.4830

■ 167.4470,
-131.1620, -67.9140

■ 182.9390,
-105.7640, -54.6280

■ 190.6850,
-93.0650, -47.9850

■ 198.7300,
-79.7700, -41.1300

■ 206.7750,
-66.4750, -34.2750

■ 214.5210,
-53.7760, -27.6320

■ 222.5660,
-40.4810, -20.7770

■ 230.6110,
-27.1860, -13.9220

■ 238.6560,
-13.8910, -7.0670

■ 246.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



201.6940, -27.3630, -49.2750



174.8940, -119.0590, -61.4830



174.6460, -150.0550, -50.3990

Triad

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



174.8940, -119.0590, -61.4830



212.1400, -20.4050, 11.8750



203.5240, 56.7620, -4.4700

Complementary

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



174.8940, -119.0590, -61.4830



95.1060, 119.0590, 61.4830

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.



199.4900, 46.0750, 18.5150



174.8940, -119.0590, -61.4830



216.2580, 18.1500, 34.5180

Square

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



174.8940, -119.0590, -61.4830



187.4020, -98.6170, -24.4490



205.4010, 28.0530, 36.7650



212.1860, 59.9290, -23.3270

Rectangle

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



174.8940, -119.0590, -61.4830



172.8850, -149.2300, -48.8300



205.4010, 28.0530, 36.7650



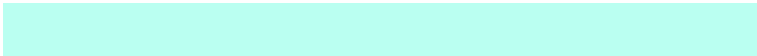
201.0110, 54.1930, 3.5450

Sweetspot

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



174.8940, -119.0590, -61.4830



232.7730, -36.6300, -18.9820



168.8400, -32.9920, -106.9760



114.7150, -21.5470, -11.4910



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.



174.8940, -119.0590, -61.4830



172.9410, -135.6090, -69.9210



143.0430, -116.1790, -14.5390



118.1840, -6.5100, -3.1660



126.1680, -98.9790, -50.9390



39.9910, -31.3120, -16.2400

Inverse Universe

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



95.1060, 119.0590, 61.4830



82.0590, 135.6090, 69.9210



126.9570, 116.1790, 14.5390



113.9300, 6.1890, 3.4770



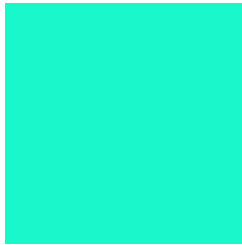
59.9460, 98.6580, 51.2500



19.0090, 31.3120, 16.2400

Previews

White Background



This preview shows how the YIQ color 174.8940, -119.0590, -61.4830 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 174.8940, -119.0590, -61.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

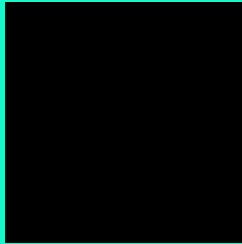
Any Text WCAG AA ✓ Pass

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 174.8940, -119.0590, -61.4830 Background



This preview shows how black text looks on a background with the YIQ color 174.8940, -119.0590, -61.4830.

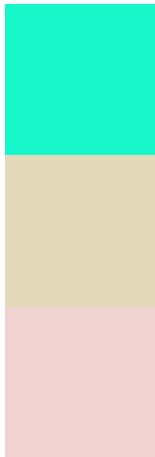


This preview shows how white text looks on a background with the YIQ color 174.8940, -119.0590, -61.4830.

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

174.8940, -119.0590, -61.4830

Protanopia

216.7550, 16.5070, -7.3090

Deuteranopia

219.2690, 18.4760, 6.5720



Tritanopia

198.3880, -86.8340, -23.2340

Trichromacy



Original Color

174.8940, -119.0590, -61.4830



Protanomaly

201.4710, -33.1440, -27.0960



Deuteranomaly

202.9370, -31.2200, -17.9080



Tritanomaly

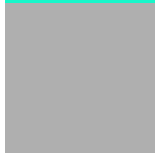
190.1980, -98.5230, -37.1710

Monochromacy



Original Color

174.8940, -119.0590, -61.4830



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.9570, -43.1400, -22.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8940, -119.0590, -61.4830 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(23, 247, 202)` looks like.

```
.text, #text, p{  
    color:rgb(23, 247, 202)  
}
```

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(23, 247, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 247, 202) }
```

Border

The CSS property to change the border of an element to YIQ 174.8940, -119.0590, -61.4830 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(23, 247, 202) }
```


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

```
.border{ border-color:rgb(23, 247, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 247, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 247, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 247, 202);  
box-shadow:4px 4px 4px 4px rgb(23, 247,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8940, -119.0590, -61.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 247, 202) }
```

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

```
.background{ background-color: rgb(23, 247,  
202) }
```

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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