

Converting Colors

YIQ(179.4760, -94.5750,
-64.6790)

Have a look what the booklet for
YIQ(179.4760, -94.5750, -64.6790)
contains.

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Color

**YIQ(179.4760, -94.5750,
-64.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	31F7AE
RGB	49, 247, 174
RGB Percent	19%, 97%, 68%
CMY	0.8083, 0.0310, 0.3180
CMYK	0.80, 0.00, 0.30, 0.03
HSL	158°, 93%, 58%
HSV	158°, 80%, 97%
XYZ	42.1785, 70.2749, 51.3442
YIQ	179.4760, -94.5750, -64.6790

Conversions

Conversions Part 2

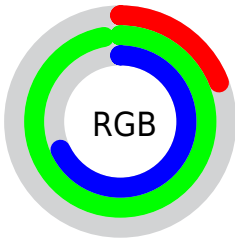
Format	Color
RYB	49, 170, 247
Decimal	3274670
CIELab	87.13, -63.16, 22.14
CIELCh	87, 66.925, 160.680
Yxy	70.2749, 0.2575, 0.4290
Android (android.graphics.Color)	4281464750 (0xFF31F7AE)
YUV	179.4760, -2.6997, -114.4275
Hunter-Lab	83.8301, -56.8917, 22.3672

Details

The YIQ color **179.4760, -94.5750, -64.6790** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **116.5240, 94.5750, 64.6790**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.1770, -67.6670, -34.6990**, and **124.7370, -90.8160, -61.2160** is the 20% darker color. If you saturate the color by 10%, you get **170.9750, -106.5860, -72.7780**, and if you desaturate by 10%, it is **187.9770, -82.5640, -56.5800**.

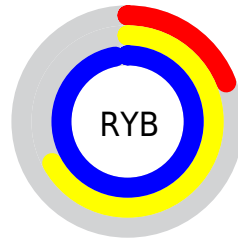
Distribution



Red (19%)

Green (97%)

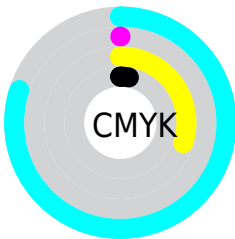
Blue (68%)



Red (19%)

Yellow (67%)

Blue (97%)

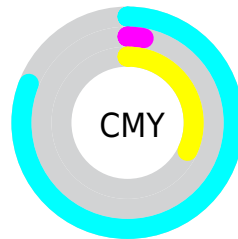


Cyan (80%)

Magenta (0%)

Yellow (30%)

Black (3%)



Cyan (81%)

Magenta (3%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4760, -94.5750, -64.6790 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 179.4760, -94.5750, -64.6790 by changing the saturation by 10% instead.

■ 179.4760,
-94.5750, -64.6790

■ 179.4760,
-94.5750, -64.6790

■ 255.0000, -0.0000,
-0.0000

■ 144.7240,
-107.1370, -68.2970

■ 213.8780,
-68.2630, -34.9110

■ 124.7370,
-90.8160, -61.2160

■ 226.5950,
-56.6200, -20.1400

■ 105.4510,
-75.0910, -54.3470

■ 236.1630,
-37.5480, -13.3560

■ 86.8660, -59.9620,
-47.6900

■ 245.7310,
-18.4760, -6.5720

■ 68.9820, -45.4290,
-41.2450

■ 51.2120, -31.2170,
-34.4890

■ 33.8010, -16.6380,

-28.8780

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 179.4760,
-94.5750, -64.6790

■ 179.4760,
-94.5750, -64.6790

■ 170.9750,
-106.5860, -72.7780

■ 187.9770,
-82.5640, -56.5800

■ 162.7730,
-118.0010, -80.6650

■ 196.1790,
-71.1490, -48.6930

■ 204.6800,
-59.1380, -40.5940

■ 213.1810,
-47.1270, -32.4950

■ 221.4970,
-36.0330, -24.2970

■ 229.9980,
-24.0220, -16.1980

■ 238.4990,
-12.0110, -8.0990

■ 247.0000, -0.0000,
-0.0000

■ 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



201.7810, -5.8590, -53.5310



179.4760, -94.5750, -64.6790



174.1100, -145.7900, -56.1100

Triad

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



179.4760, -94.5750, -64.6790



200.4020, -53.9180, -3.0220



195.2890, 59.2820, 4.9300

Complementary

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



179.4760, -94.5750, -64.6790



116.5240, 94.5750, 64.6790

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.



194.4980, 43.5970, 30.3890



179.4760, -94.5750, -64.6790



217.1220, 15.5370, 32.3130

Square

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



179.4760, -94.5750, -64.6790



167.6020, -146.7550, -44.1230



204.5180, 23.6500, 44.9780



204.5890, 66.1640, -20.6840

Rectangle

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



179.4760, -94.5750, -64.6790



175.2330, -150.3300, -50.9220



204.5180, 23.6500, 44.9780



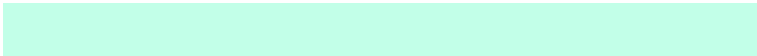
193.9330, 54.8330, 13.9770

Sweetspot

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



179.4760, -94.5750, -64.6790



234.1390, -28.9730, -20.0850



187.9500, -9.1540, -87.4420



115.3410, -17.5580, -12.1980



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.



179.4760, -94.5750, -64.6790



171.4850, -117.1300, -79.9300



174.2970, -111.6830, -29.9470



117.9560, -5.8680, -3.7880



122.5200, -88.7070, -60.8910



38.8510, -28.1020, -19.3500

Inverse Universe

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



116.5240, 94.5750, 64.6790



93.6290, 116.8090, 80.2410



121.7030, 111.6830, 29.9470



114.1580, 5.5470, 4.0990



63.4800, 88.7070, 60.8910



20.1490, 28.1020, 19.3500

Previews

White Background



This preview shows how the YIQ color 179.4760, -94.5750, -64.6790 looks on a white background.

Color Contrast Check

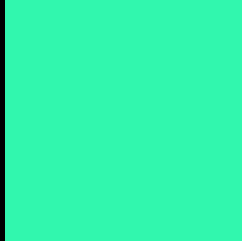
Large Text (above 18pt) WCAG AA × Fail

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 179.4760, -94.5750, -64.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

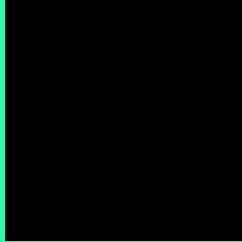
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

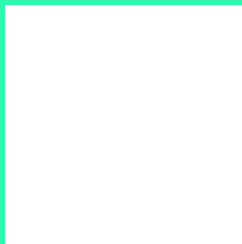
Any Text WCAG AAA ✓ Pass

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

YIQ 179.4760, -94.5750, -64.6790 Background



This preview shows how black text looks on a background with the YIQ color 179.4760, -94.5750, -64.6790.

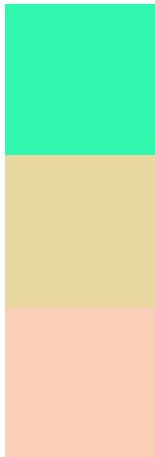


This preview shows how white text looks on a background with the YIQ color 179.4760, -94.5750, -64.6790.

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

179.4760, -94.5750, -64.6790

Protanopia

214.4000, 27.5120, -14.0240

Deuteranopia

217.4090, 32.4610, 0.9170



Tritanopia

197.2030, -87.7510, -23.1350

Trichromacy



Original Color

179.4760, -94.5750, -64.6790



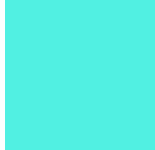
Protanomaly

201.3940, -17.0500, -32.4260



Deuteranomaly

203.4580, -13.9340, -22.8140



Tritanomaly

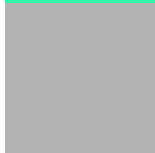
190.8630, -90.2700, -38.0620

Monochromacy



Original Color

179.4760, -94.5750, -64.6790



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

179.3940, -34.2450, -23.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4760, -94.5750, -64.6790 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(49, 247, 174)` looks like.

```
.text, #text, p{  
    color:rgb(49, 247, 174)  
}
```

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(49, 247, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 247, 174) }
```

Border

The CSS property to change the border of an element to YIQ 179.4760, -94.5750, -64.6790 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(49, 247, 174) }
```


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

```
.border{ border-color:rgb(49, 247, 174) }
```

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

Here you see how a box with a 4 pixel rgb(49, 247, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 247, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 247, 174);  
box-shadow:4px 4px 4px 4px rgb(49, 247,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4760, -94.5750, -64.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 247, 174) }
```

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

```
.background{ background-color: rgb(49, 247,  
174) }
```

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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