

Converting Colors

YIQ(179.3770, -124.9730,
-64.4370)

Have a look what the booklet for
YIQ(179.3770, -124.9730, -64.4370)
contains.

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Color

**YIQ(179.3770, -124.9730,
-64.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	14FFD0
RGB	20, 255, 208
RGB Percent	8%, 100%, 82%
CMY	0.9220, 0.0000, 0.1848
CMYK	0.92, 0.00, 0.18, 0.00
HSL	168°, 100%, 54%
HSV	168°, 92%, 100%
XYZ	47.4162, 76.2155, 71.8109
YIQ	179.3770, -124.9730, -64.4370

Conversions

Conversions Part 2

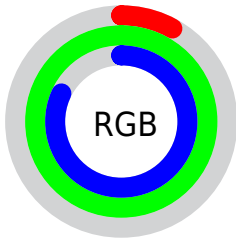
Format	Color
R_{YB}	20, 151, 255
Decimal	1376208
CIE _{Lab}	89.96, -60.17, 8.60
CIE _{LCh}	90, 60.781, 171.867
Yxy	76.2155, 0.2426, 0.3900
Android (android.graphics.Color)	4279566288 (0xFF14FFD0)
YUV	179.3770, 14.1111, -139.7736
Hunter-Lab	87.3015, -55.8285, 12.3413

Details

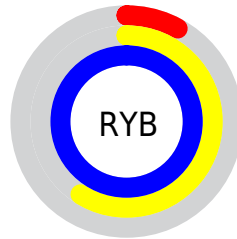
The YIQ color **179.3770, -124.9730, -64.4370** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **95.6230, 124.9730, 64.4370**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.6350, -80.4600, -28.6200**, and **133.1950, -103.6090, -55.1370** is the 20% darker color. If you saturate the color by 10%, you get **172.9410, -135.6090, -69.9210**, and if you desaturate by 10%, it is **187.4220, -111.6780, -57.5820**.

Distribution



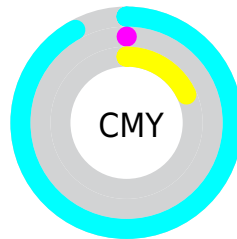
- Red (8%)
- Green (100%)
- Blue (82%)



- Red (8%)
- Yellow (59%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.3770, -124.9730, -64.4370 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 179.3770, -124.9730, -64.4370 by changing the saturation by 10% instead.

■ 179.3770,
-124.9730, -64.4370

■ 179.3770,
-124.9730, -64.4370

■ 255.0000, -0.0000,
-0.0000

■ 153.1820,
-119.9300, -62.2180

■ 214.6350,
-80.4600, -28.6200

■ 133.1950,
-103.6090, -55.1370

■ 225.1000,
-59.6000, -21.2000

■ 113.7950,
-87.5630, -48.5790

■ 234.9670,
-39.9320, -14.2040

■ 95.0960, -72.1130,
-42.2330

■ 244.5350,
-20.8600, -7.4200

■ 76.5110, -56.9840,
-35.5760

■ 254.1030, -1.7880,
-0.6360

■ 58.6270, -42.4510,
-29.1310

■ 41.4440, -28.5140,

-22.8980

■ 24.9620, -15.1730,
-16.8770

■ 0.0000, 0.0000,
0.0000

■ 179.3770,
-124.9730, -64.4370

■ 179.3770,
-124.9730, -64.4370

■ 172.9410,
-135.6090, -69.9210

■ 187.4220,
-111.6780, -57.5820

■ 195.7660,
-97.7870, -50.5150

■ 203.8110,
-84.4920, -43.6600

■ 212.1550,
-70.6010, -36.5930

■ 220.2000,
-57.3060, -29.7380

■ 228.6580,
-43.7360, -22.3600

■ 236.7030,
-30.4410, -15.5050

■ 245.0470,
-16.5500, -8.4380

■ 253.0920, -3.2550,
-1.5830

Harmonies

Analogous

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



208.3410, -27.8670, -51.1550



179.3770, -124.9730, -64.4370



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.



179.3770, -124.9730, -64.4370



218.0430, -18.7540, 9.4860



206.9150, 54.1030, -5.8410

Complementary

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



179.3770, -124.9730, -64.4370



95.6230, 124.9730, 64.4370

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.



203.1090, 42.7740, 17.7660



179.3770, -124.9730, -64.4370



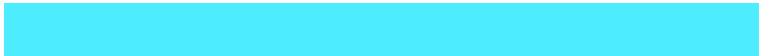
219.7800, 16.5000, 31.3800

Square

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



179.3770, -124.9730, -64.4370



191.2120, -101.1380, -28.3220



209.2480, 24.1100, 36.6380



216.6370, 57.0410, -26.0550

Rectangle

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



179.3770, -124.9730, -64.4370



177.5810, -151.4300, -53.0140



209.2480, 24.1100, 36.6380



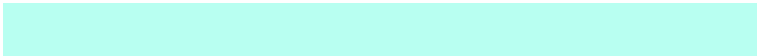
204.9890, 51.2590, 1.6510

Sweetspot

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



179.3770, -124.9730, -64.4370



232.1750, -37.8220, -19.4060



173.1940, -34.2290, -112.0930



113.8180, -23.3350, -12.1270



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

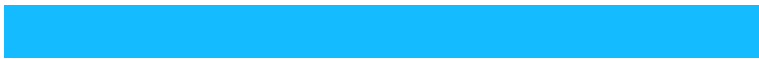
The Same Dimension uses a secret algorithm to generate beautiful new colors.



179.3770, -124.9730, -64.4370



172.9410, -135.6090, -69.9210



145.4060, -121.6350, -14.7790



123.7710, -6.7850, -3.6890



129.5590, -101.6380, -52.3100



43.3820, -33.9710, -17.6110

Inverse Universe

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



95.6230, 124.9730, 64.4370



82.0590, 135.6090, 69.9210



129.0070, 121.9100, 15.3020



119.1150, 7.1060, 3.3780



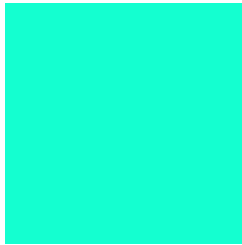
61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 179.3770, -124.9730, -64.4370 looks on a white background.

Color Contrast Check

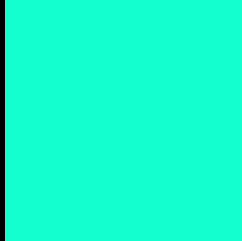
Large Text (above 18pt) WCAG AA × Fail

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 179.3770, -124.9730, -64.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

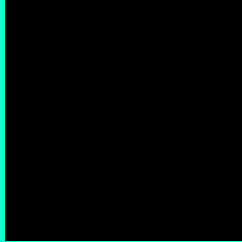
Any Text WCAG AA ✓ Pass

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 179.3770, -124.9730, -64.4370 Background



This preview shows how black text looks on a background with the YIQ color 179.3770, -124.9730, -64.4370.



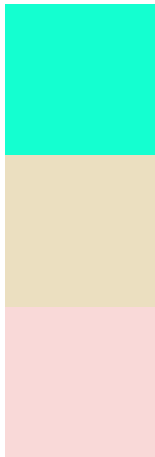
This preview shows how white text looks on a background with the YIQ color 179.3770, -124.9730, -64.4370.

-64.4370.

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

179.3770, -124.9730, -64.4370

Protanopia

223.0540, 17.1030, -7.0970

Deuteranopia

226.4540, 19.3930, 6.4730



Tritanopia

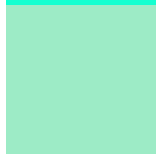
212.4080, -63.2230, -16.1110

Trichromacy



Original Color

179.3770, -124.9730, -64.4370



Protanomaly

207.4600, -34.6110, -28.0430



Deuteranomaly

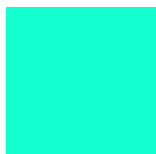
209.5130, -32.9620, -19.3780



Tritanomaly

200.2490, -85.3650, -33.3410

Monochromacy



Original Color

179.3770, -124.9730, -64.4370



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

179.3480, -45.7990, -23.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.3770, -124.9730, -64.4370 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(20, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(20, 255, 208)  
}
```

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(20, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 255, 208) }
```

Border

The CSS property to change the border of an element to YIQ 179.3770, -124.9730, -64.4370 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(20, 255, 208) }
```


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

```
.border{ border-color:rgb(20, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(20, 255,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 179.3770, -124.9730, -64.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 255, 208) }
```

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

```
.background{ background-color: rgb(20, 255,  
208) }
```

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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