

Converting Colors

YIQ(174.5480, -49.2380,
-21.7660)

Have a look what the booklet for
YIQ(174.5480, -49.2380, -21.7660)
contains.

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Color

**YIQ(174.5480, -49.2380,
-21.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	72CAC0
RGB	114, 202, 192
RGB Percent	45%, 79%, 75%
CMY	0.5531, 0.2077, 0.2472
CMYK	0.44, 0.00, 0.05, 0.21
HSL	173°, 45%, 62%
HSV	173°, 44%, 79%
XYZ	37.5706, 49.6358, 57.4419
YIQ	174.5480, -49.2380, -21.7660

Conversions

Conversions Part 2

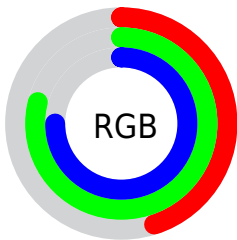
Format	Color
RYB	114, 161, 202
Decimal	7523008
CIELab	75.85, -28.93, -3.25
CIElCh	76, 29.117, 186.410
Yxy	49.6358, 0.2597, 0.3431
Android (android.graphics.Color)	4285713088 (0xFF72CAC0)
YUV	174.5480, 8.6038, -53.1006
Hunter-Lab	70.4527, -28.1027, 0.9762

Details

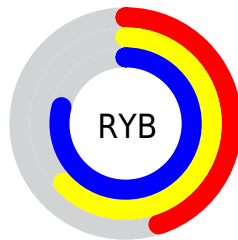
The YIQ color **174.5480, -49.2380, -21.7660** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **141.4520, 49.2380, 21.7660**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.7870, -48.4130, -20.1970**, and **119.7650, -51.3470, -22.0910** is the 20% darker color. If you saturate the color by 10%, you get **168.3400, -60.5160, -26.6280**, and if you desaturate by 10%, it is **180.7560, -37.9600, -16.9040**.

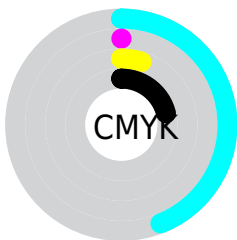
Distribution



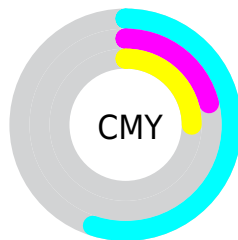
- Red (45%)
- Green (79%)
- Blue (75%)



- Red (45%)
- Yellow (63%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5480, -49.2380, -21.7660 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 174.5480, -49.2380, -21.7660 by changing the saturation by 10% instead.

■ 174.5480,
-49.2380, -21.7660

■ 174.5480,
-49.2380, -21.7660

■ 255.0000, -0.0000,
-0.0000

■ 146.6620,
-49.5590, -21.4550

■ 228.7870,
-48.4130, -20.1970

■ 119.7650,
-51.3470, -22.0910

■ 238.2560,
-33.3760, -11.8720

■ 90.1880, -57.0320,
-23.6880

■ 246.9270,
-16.0920, -5.7240

■ 66.4980, -54.9690,
-22.5290

■ 49.6740, -40.6650,
-17.4410

■ 33.6650, -27.2780,
-12.2540

■ 19.6450, -15.3580,

-8.0140

■ 0.0000, 0.0000,
0.0000

■ 174.5480,
-49.2380, -21.7660

■ 174.5480,
-49.2380, -21.7660

■ 168.3400,
-60.5160, -26.6280

■ 180.7560,
-37.9600, -16.9040

■ 162.0180,
-71.4730, -31.8010

■ 187.0780,
-27.0030, -11.7310

■ 155.5110,
-83.3470, -36.8750

■ 193.5850,
-15.1290, -6.6570

■ 149.3030,
-94.6250, -41.7370

■ 199.7930, -3.8510,
-1.7950

■ 142.9810,
-105.5820, -46.9100

■ 206.1150, 7.1060,
3.3780

■ 138.9800,
-113.0090, -49.9770

■ 212.3230, 18.3840,
8.2400

■ 218.5310, 29.6620,
13.1020

■ 218.7590, 29.0200,
13.7240

■ 219.1010, 28.0570,
14.6570

Harmonies

Analogous

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



178.0700, -24.5250, -23.6050



174.5480, -49.2380, -21.7660



174.2340, -62.6730, -15.0650

Triad

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



174.5480, -49.2380, -21.7660



189.9080, -4.7720, 20.4120



187.4930, 40.8520, -2.4760

Complementary

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



174.5480, -49.2380, -21.7660



141.4520, 49.2380, 21.7660

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.



189.0350, 45.6180, 10.2740



174.5480, -49.2380, -21.7660



191.1900, 20.8570, 24.0010

Square

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



174.5480, -49.2380, -21.7660



185.2680, -32.5090, 10.9710



190.5370, 38.6930, 20.1410



185.0300, 25.6780, -13.8260

Rectangle

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



174.5480, -49.2380, -21.7660



177.2440, -59.4650, -7.1210



190.5370, 38.6930, 20.1410



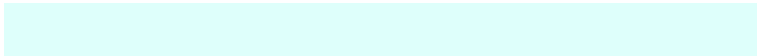
188.0960, 43.6480, 1.9200

Sweetspot

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



174.5480, -49.2380, -21.7660



244.6770, -18.3840, -8.2400



168.6460, -18.2400, -43.9040



121.3790, -11.5530, -5.3850



0.0000, 0.0000, 0.0000



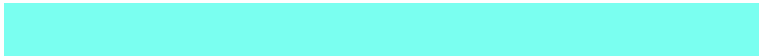
128.0000, -0.0000, -0.0000

Same Dimension

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



174.5480, -49.2380, -21.7660



213.5230, -74.4530, -32.8610



155.7300, -43.0980, -0.8740



98.8960, -5.6390, -2.4310



114.2000, -92.8370, -41.1010



26.1820, -21.3640, -9.3000

Inverse Universe

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



141.4520, 49.2380, 21.7660



163.5910, 74.1320, 33.1720



160.2700, 43.0980, 0.8740



95.1040, 5.6390, 2.4310



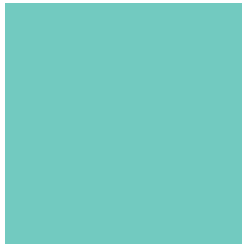
51.8000, 92.8370, 41.1010



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 174.5480, -49.2380, -21.7660 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 174.5480, -49.2380, -21.7660 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 174.5480, -49.2380, -21.7660 Background



This preview shows how black text looks on a background with the YIQ color 174.5480, -49.2380, -21.7660.



This preview shows how white text looks on a background with the YIQ color 174.5480, -49.2380, -21.7660.

-21.7660.

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

174.5480, -49.2380, -21.7660

Protanopia

186.1530, 3.9430, 0.1270

Deuteranopia

187.6190, 5.8670, 9.3150



Tritanopia

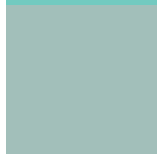
177.2030, -52.2200, -11.7720

Trichromacy



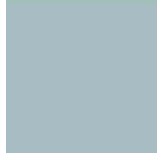
Original Color

174.5480, -49.2380, -21.7660



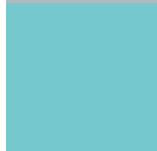
Protanomaly

181.7590, -15.6790, -7.7030



Deuteranomaly

182.8180, -14.1670, -2.0630



Tritanomaly

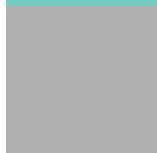
176.2800, -51.1190, -15.2070

Monochromacy



Original Color

174.5480, -49.2380, -21.7660



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.9760, -17.7880, -8.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5480, -49.2380, -21.7660 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(114, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(114, 202, 192)  
}
```

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(114, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 202, 192) }
```

Border

The CSS property to change the border of an element to YIQ 174.5480, -49.2380, -21.7660 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(114, 202, 192) }
```


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

```
.border{ border-color:rgb(114, 202, 192) }
```

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

Here you see how a box with a 4 pixel rgb(114, 202, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(114, 202,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5480, -49.2380, -21.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 202, 192) }
```

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

```
.background{ background-color: rgb(114,  
202, 192) }
```

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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