

Converting Colors

YIQ(180.3570, -50.0180,
-18.6420)

Have a look what the booklet for
YIQ(180.3570, -50.0180, -18.6420)
contains.

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Color

**YIQ(180.3570, -50.0180,
-18.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	79CECC
RGB	121, 206, 204
RGB Percent	47%, 81%, 80%
CMY	0.5257, 0.1920, 0.2002
CMYK	0.41, 0.00, 0.01, 0.19
HSL	179°, 46%, 64%
HSV	179°, 41%, 81%
XYZ	40.8509, 52.5782, 65.0907
YIQ	180.3570, -50.0180, -18.6420

Conversions

Conversions Part 2

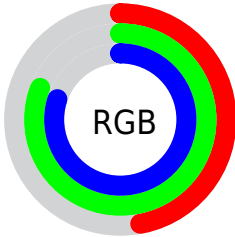
Format	Color
RYB	121, 164, 206
Decimal	7982796
CIELab	77.63, -26.22, -7.06
CIELCh	78, 27.158, 195.062
Yxy	52.5782, 0.2577, 0.3317
Android (android.graphics.Color)	4286172876 (0xFF79CECC)
YUV	180.3570, 11.6560, -52.0561
Hunter-Lab	72.5109, -26.3314, -2.4652

Details

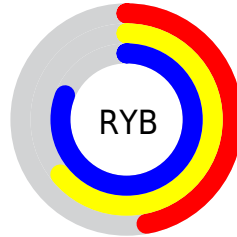
The YIQ color **180.3570, -50.0180, -18.6420** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.6430, 50.0180, 18.6420**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6780, -46.4880, -16.5360**, and **124.8730, -51.5310, -18.7550** is the 20% darker color. If you saturate the color by 10%, you get **173.9640, -62.2130, -23.4050**, and if you desaturate by 10%, it is **186.6360, -37.5020, -14.1900**.

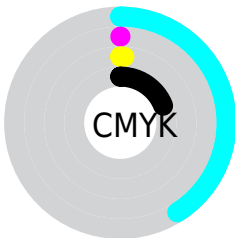
Distribution



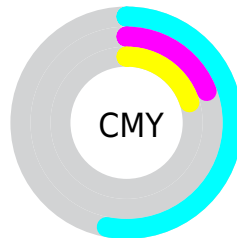
- Red (47%)
- Green (81%)
- Blue (80%)



- Red (47%)
- Yellow (64%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3570, -50.0180, -18.6420 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 180.3570, -50.0180, -18.6420 by changing the saturation by 10% instead.

■ 180.3570,
-50.0180, -18.6420

■ 180.3570,
-50.0180, -18.6420

■ 255.0000, -0.0000,
-0.0000

■ 152.4710,
-50.3390, -18.3310

■ 231.6780,
-46.4880, -16.5360

■ 124.8730,
-51.5310, -18.7550

■ 240.3490,
-29.2040, -10.3880

■ 97.0790, -55.1070,
-20.0270

■ 249.3190,
-11.3240, -4.0280

■ 69.9860, -59.2790,
-21.5110

■ 53.1620, -44.9750,
-16.4230

■ 36.5660, -31.3130,
-10.7130

■ 23.0190, -19.3470,

-7.3070

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 180.3570,
-50.0180, -18.6420

■ 180.3570,
-50.0180, -18.6420

■ 173.9640,
-62.2130, -23.4050

■ 186.6360,
-37.5020, -14.1900

■ 167.9840,
-74.1330, -27.6450

■ 192.7300,
-25.9030, -9.6390

■ 161.5910,
-86.3280, -32.4080

■ 199.0090,
-13.3870, -5.1870

■ 155.6110,
-98.2480, -36.6480

■ 205.1030, -1.7880,
-0.6360

■ 149.2180,
-110.4430, -41.4110

■ 211.3820, 10.7280,
3.8160

■ 143.8360,
-121.1710, -45.2270

■ 217.7750, 22.9230,
8.5790

■ 220.7650, 28.8830,
10.6990

■ 220.8790, 28.5620,
11.0100

■ 220.9930, 28.2410,
11.3210

Harmonies

Analogous

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



182.7860, -29.4770, -21.9650



180.3570, -50.0180, -18.6420



181.8050, -56.8510, -10.4430

Triad

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



180.3570, -50.0180, -18.6420



195.3280, 2.7930, 20.9770



191.9760, 34.9380, -5.4300

Complementary

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



180.3570, -50.0180, -18.6420



146.6430, 50.0180, 18.6420

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.



193.5460, 42.5010, 6.1890



180.3570, -50.0180, -18.6420



196.0610, 25.5340, 21.8380

Square

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



180.3570, -50.0180, -18.6420



192.4110, -22.6060, 13.2180



195.3150, 39.1980, 16.4940



189.0830, 18.1590, -15.2250

Rectangle

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



180.3570, -50.0180, -18.6420



184.4840, -51.2130, -2.4850



195.3150, 39.1980, 16.4940



192.3510, 38.3760, -1.6560

Sweetspot

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



180.3570, -50.0180, -18.6420



245.6170, -18.1550, -6.8830



171.7920, -21.5870, -43.8190



122.5040, -10.4070, -4.1270



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.



180.3570, -50.0180, -18.6420



216.6850, -74.7290, -27.8570



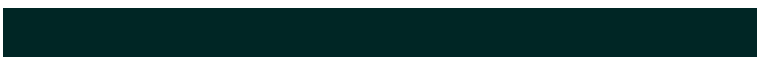
157.1050, -39.6600, 2.9000



99.0100, -5.9600, -2.1200



115.9100, -97.6520, -36.4360



26.5240, -22.3270, -8.3670

Inverse Universe

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



146.6430, 50.0180, 18.6420



166.3150, 74.7290, 27.8570



169.8950, 39.6600, -2.9000



94.9900, 5.9600, 2.1200



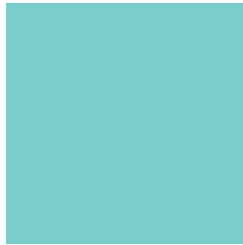
50.0900, 97.6520, 36.4360



11.4760, 22.3270, 8.3670

Previews

White Background



This preview shows how the YIQ color 180.3570, -50.0180, -18.6420 looks on a white background.

Color Contrast Check

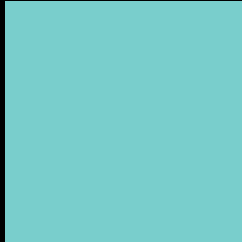
Large Text (above 18pt) WCAG AA × Fail

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 180.3570, -50.0180, -18.6420 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

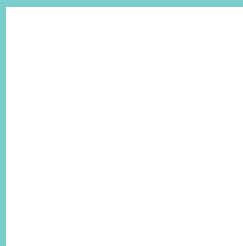
Any Text WCAG AAA ✓ Pass

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

YIQ 180.3570, -50.0180, -18.6420 Background



This preview shows how black text looks on a background with the YIQ color 180.3570, -50.0180, -18.6420.



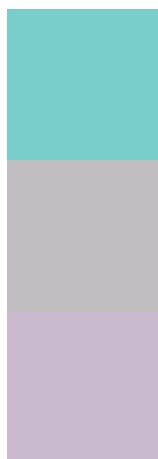
This preview shows how white text looks on a background with the YIQ color 180.3570, -50.0180, -18.6420.

-18.6420.

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

180.3570, -50.0180, -18.6420

Protanopia

191.3530, 0.5040, 1.8800

Deuteranopia

192.9930, 1.8780, 10.0220



Tritanopia

182.2030, -52.2200, -11.7720

Trichromacy



Original Color

180.3570, -50.0180, -18.6420

Protanomaly

187.5570, -17.9260, -5.5260

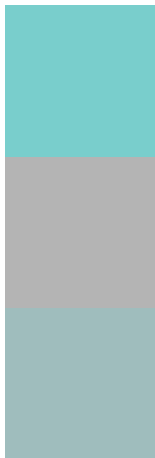
Deuteranomaly

188.3170, -17.0100, -0.0980

Tritanomaly

181.8070, -51.1650, -14.3730

Monochromacy



Original Color

180.3570, -50.0180, -18.6420

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0300, -17.8800, -6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3570, -50.0180, -18.6420 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(121, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(121, 206, 204)  
}
```

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(121, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 206, 204) }
```

Border

The CSS property to change the border of an element to YIQ 180.3570, -50.0180, -18.6420 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(121, 206, 204) }
```


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

```
.border{ border-color:rgb(121, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(121, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(121, 206,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3570, -50.0180, -18.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 206, 204) }
```

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

```
.background{ background-color: rgb(121,  
206, 204) }
```

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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