

Converting Colors

YIQ(180.4540, -16.1380,
-4.8900)

Have a look what the booklet for
YIQ(180.4540, -16.1380, -4.8900)
contains.

YIQ(180.4540, -16.1380, -4.8900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(180.4540, -16.1380,
-4.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BCBE
RGB	162, 188, 190
RGB Percent	64%, 74%, 75%
CMY	0.3648, 0.2627, 0.2550
CMYK	0.15, 0.01, 0.00, 0.25
HSL	184°, 18%, 69%
HSV	184°, 15%, 75%
XYZ	42.1751, 47.3678, 55.6257
YIQ	180.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

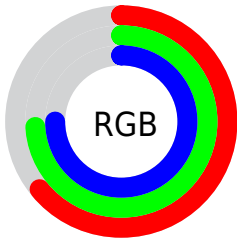
Format	Color
RYB	162, 175, 190
Decimal	10665150
CIELab	74.42, -8.39, -3.98
CIELCh	74, 9.289, 205.360
Yxy	47.3678, 0.2905, 0.3263
Android (android.graphics.Color)	4288855230 (0xFFA2BCBE)
YUV	180.4540, 4.7062, -16.1842
Hunter-Lab	68.8243, -11.0587, 0.2572

Details

The YIQ color $180.4540, -16.1380, -4.8900$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $171.5460, 16.1380, 4.8900$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.1550, -16.7340, -5.1020$, and $127.7530, -15.5420, -4.6780$ is the 20% darker color. If you saturate the color by 10%, you get $174.1860, -27.1870, -8.3950$, and if you desaturate by 10%, it is $186.7220, -5.0890, -1.3850$.

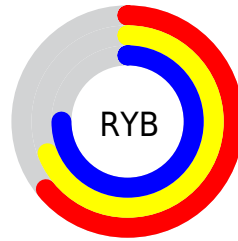
Distribution



Red (64%)

Green (74%)

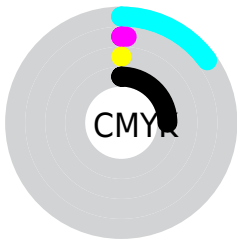
Blue (75%)



Red (64%)

Yellow (69%)

Blue (75%)

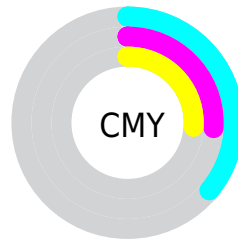


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.4540, -16.1380, -4.8900 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 180.4540, -16.1380, -4.8900 by changing the saturation by 10% instead.

■ 180.4540,
-16.1380, -4.8900

■ 180.4540,
-16.1380, -4.8900

■ 255.0000, -0.0000,
-0.0000

■ 153.7530,
-15.5420, -4.6780

■ 236.1550,
-16.7340, -5.1020

■ 127.7530,
-15.5420, -4.6780

■ 252.3090, -5.3640,
-1.9080

■ 102.0520,
-14.9460, -4.4660

■ 78.3510, -14.3500,
-4.2540

■ 55.3510, -14.3500,
-4.2540

■ 33.3510, -14.3500,
-4.2540

■ 14.1340, -12.2410,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 180.4540,
-16.1380, -4.8900

■ 180.4540,
-16.1380, -4.8900

■ 174.1860,
-27.1870, -8.3950

■ 186.7220, -5.0890,
-1.3850

■ 167.3310,
-37.9610, -11.3770

■ 193.5770, 5.6850,
1.5970

■ 161.0630,
-49.0100, -14.8820

■ 199.8450, 16.7340,
5.1020

■ 154.7950,
-60.0590, -18.3870

■ 206.1130, 27.7830,
8.6070

■ 147.9400,
-70.8330, -21.3690

■ 212.3700, 37.3650,
11.1650

■ 141.6720,
-81.8820, -24.8740

■ 212.9570, 37.0900,
10.6420

■ 135.4040,
-92.9310, -28.3790

■ 213.5440, 36.8150,
10.1190

■ 128.5490,
-103.7050, -31.3610

■ 214.7180, 36.2650,
9.0730

■ 125.5590,
-109.6650, -33.4810

■ 215.3050, 35.9900,
8.5500

Harmonies

Analogous

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



180.3250, -11.4610, -7.0530



180.4540, -16.1380, -4.8900



181.5620, -16.3220, -1.5540

Triad

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



180.4540, -16.1380, -4.8900



184.7820, 3.8500, 7.3220



183.1660, 11.0960, -2.8560

Complementary

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



180.4540, -16.1380, -4.8900



171.5460, 16.1380, 4.8900

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.



183.8400, 15.1300, 1.1300



180.4540, -16.1380, -4.8900



184.7890, 11.1400, 7.3640

Square

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



180.4540, -16.1380, -4.8900



183.5360, -4.2650, 5.7110



184.9480, 14.9460, 4.4660



182.1650, 3.6690, -5.9230

Rectangle

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



180.4540, -16.1380, -4.8900



182.1110, -13.4340, 1.1740



184.9480, 14.9460, 4.4660



183.2910, 12.2420, -1.5980

Sweetspot

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



180.4540, -16.1380, -4.8900



244.0100, -5.9600, -2.1200



178.6640, -8.3420, -14.0220



123.2060, -3.5760, -1.2720



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



180.4540, -16.1380, -4.8900



232.0830, -25.3990, -7.7590



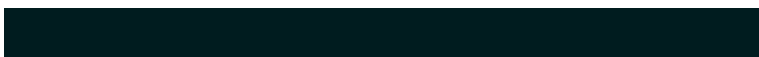
172.2360, -12.2880, 2.4320



91.3090, -5.3640, -1.9080



104.3010, -91.1430, -27.7430



19.9700, -17.6510, -5.0030

Inverse Universe

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



173.3360, 8.3420, 14.0220



220.8300, 13.0630, 22.0790



179.7640, 12.2880, -2.4320



88.7170, 2.4750, 4.7070



64.0000, 46.9810, 79.2130



12.4610, 9.4880, 15.2800

Previews

White Background



This preview shows how the YIQ color 180.4540, -16.1380, -4.8900 looks on a white background.

Color Contrast Check

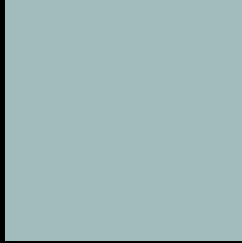
Large Text (above 18pt) WCAG AA × Fail

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 180.4540, -16.1380, -4.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

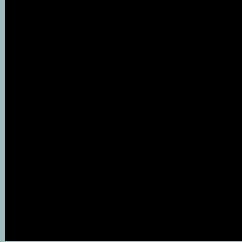
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.4540, -16.1380, -4.8900

Background



This preview shows how black text looks on a background with the YIQ color 180.4540, -16.1380, -4.8900.



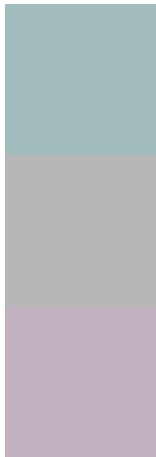
This preview shows how white text looks on a background with the YIQ color 180.4540, -16.1380, -4.8900.

-4.8900.

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

180.4540, -16.1380, -4.8900

Protanopia

183.3530, 0.5040, 1.8800

Deuteranopia

184.3910, 6.5090, 8.6930



Tritanopia

181.1320, -17.9270, 0.0010

Trichromacy



Original Color

180.4540, -16.1380, -4.8900

Protanomaly

182.2490, -5.1350, -0.5510

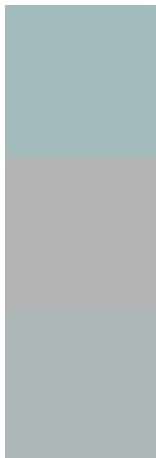
Deuteranomaly

183.0370, -1.4220, 3.7460

Tritanomaly

180.9640, -17.5140, -1.9780

Monochromacy



Original Color

180.4540, -16.1380, -4.8900

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1240, -6.2810, -1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.4540, -16.1380, -4.8900 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(162, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(162, 188, 190)  
}
```

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(162, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 188, 190) }
```

Border

The CSS property to change the border of an element to YIQ 180.4540, -16.1380, -4.8900 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(162, 188, 190) }
```


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

```
.border{ border-color:rgb(162, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(162, 188,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 180.4540, -16.1380, -4.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 188, 190) }
```

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

```
.background{ background-color: rgb(162,  
188, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor