

Converting Colors

YIQ(189.8740, -17.7410,
-14.3890)

Have a look what the booklet for
YIQ(189.8740, -17.7410, -14.3890)
contains.

YIQ(189.8740, -17.7410, -14.3890)	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(189.8740, -17.7410,
-14.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CCB9
RGB	164, 204, 185
RGB Percent	64%, 80%, 73%
CMY	0.3570, 0.1999, 0.2746
CMYK	0.20, 0.00, 0.09, 0.20
HSL	151°, 28%, 72%
HSV	151°, 20%, 80%
XYZ	45.6565, 54.5855, 54.0208
YIQ	189.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

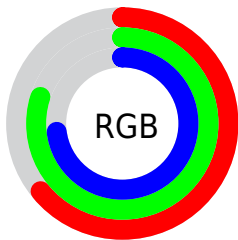
Format	Color
RYB	164, 190, 204
Decimal	10800313
CIELab	78.80, -17.05, 5.12
CIELCh	79, 17.798, 163.276
Yxy	54.5855, 0.2960, 0.3538
Android (android.graphics.Color)	4288990393 (0xFFA4CCB9)
YUV	189.8740, -2.4029, -22.6915
Hunter-Lab	73.8820, -18.9867, 8.3659

Details

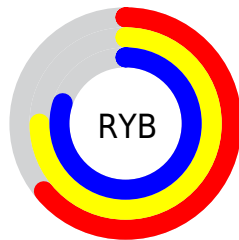
The YIQ color **189.8740, -17.7410, -14.3890** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.1260, 17.7410, 14.3890**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.6400, -16.9620, -11.9860**, and **136.5860, -16.8700, -13.6540** is the 20% darker color. If you saturate the color by 10%, you get **182.7540, -26.4510, -21.7390**, and if you desaturate by 10%, it is **196.9940, -9.0310, -7.0390**.

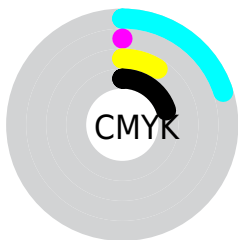
Distribution



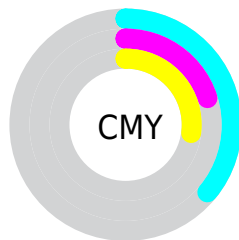
- Red (64%)
- Green (80%)
- Blue (73%)



- Red (64%)
- Yellow (75%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.8740, -17.7410, -14.3890 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 189.8740, -17.7410, -14.3890 by changing the saturation by 10% instead.

■ 189.8740,
-17.7410, -14.3890

■ 189.8740,
-17.7410, -14.3890

■ 255.0000, -0.0000,
-0.0000

■ 162.8740,
-17.7410, -14.3890

■ 242.6400,
-16.9620, -11.9860

■ 136.5860,
-16.8700, -13.6540

■ 252.9070, -4.1720,
-1.4840

■ 110.9990,
-16.5950, -13.1310

■ 86.1130, -16.9160,
-12.8200

■ 62.5260, -16.6410,
-12.2970

■ 39.6400, -16.9620,
-11.9860

■ 20.1350, -13.9820,

-10.9260

■ 0.0000, 0.0000,
0.0000

■ 189.8740,
-17.7410, -14.3890

■ 189.8740,
-17.7410, -14.3890

■ 182.7540,
-26.4510, -21.7390

■ 196.9940, -9.0310,
-7.0390

■ 175.4490,
-36.0780, -28.9900

■ 204.2990, 0.5960,
0.2120

■ 168.3290,
-44.7880, -36.3400

■ 211.4190, 9.3060,
7.5620

■ 160.9100,
-54.0940, -43.9020

■ 218.8380, 18.6120,
15.1240

■ 153.9040,
-63.1250, -50.9410

■ 222.5550, 21.0870,
19.8310

■ 146.7840,
-71.8350, -58.2910

■ 223.6950, 17.8770,
22.9410

■ 139.3650,
-81.1410, -65.8530

■ 224.8350, 14.6670,
26.0510

■ 132.2450,
-89.8510, -73.2030

■ 225.0630, 14.0250,
26.6730

■ 131.9460,
-90.4470, -73.4150

Harmonies

Analogous

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



191.6000, -2.2900, -13.5700



189.8740, -17.7410, -14.3890



189.1100, -30.0290, -11.9570

Triad

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



189.8740, -17.7410, -14.3890



195.3700, -15.3610, 8.5670



197.0760, 29.2050, 4.8610

Complementary

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



189.8740, -17.7410, -14.3890



178.1260, 17.7410, 14.3890

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.



198.2100, 26.1320, 10.9960



189.8740, -17.7410, -14.3890



197.2150, 1.3730, 13.6690

Square

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



189.8740, -17.7410, -14.3890



192.2110, -28.3350, 1.4010



198.6420, 16.2280, 14.2760



195.6960, 24.1630, -2.8850

Rectangle

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



189.8740, -17.7410, -14.3890



189.4780, -33.8810, -8.2250



198.6420, 16.2280, 14.2760



197.3580, 28.4710, 7.1510

Sweetspot

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



189.8740, -17.7410, -14.3890



249.7170, -6.6930, -5.3570



193.1610, 0.3240, -16.8920



124.7390, -3.7590, -3.4630



0.0000, 0.0000, 0.0000



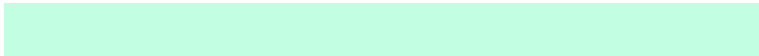
128.0000, -0.0000, -0.0000

Same Dimension

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



189.8740, -17.7410, -14.3890



233.4550, -27.0470, -21.9510



191.4530, -23.5650, -7.9570



98.4400, -4.3550, -3.6750



107.3600, -73.5770, -59.7610



24.5860, -16.8700, -13.6540

Inverse Universe

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



178.1260, 17.7410, 14.3890



215.5450, 27.0470, 21.9510



176.5470, 23.5650, 7.9570



95.5600, 4.3550, 3.6750



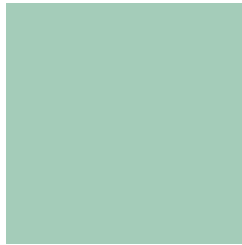
58.6400, 73.5770, 59.7610



13.4140, 16.8700, 13.6540

Previews

White Background



This preview shows how the YIQ color 189.8740, -17.7410, -14.3890 looks on a white background.

Color Contrast Check

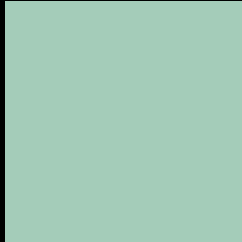
Large Text (above 18pt) WCAG AA × Fail

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 189.8740, -17.7410, -14.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

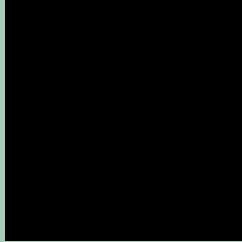
Any Text WCAG AA ✓ Pass

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 189.8740, -17.7410, -14.3890 Background



This preview shows how black text looks on a background with the YIQ color 189.8740, -17.7410, -14.3890.



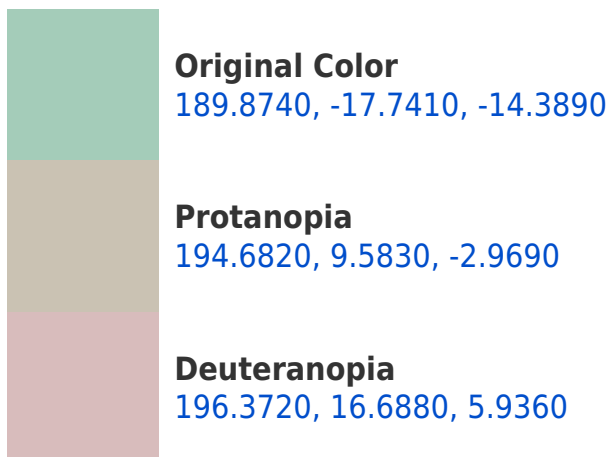
This preview shows how white text looks on a background with the YIQ color 189.8740, -17.7410, -14.3890.

-14.3890.

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





Tritanopia

192.7400, -22.6950, -1.6950

Trichromacy



Original Color

189.8740, -17.7410, -14.3890

Protanomaly

193.0720, -0.5030, -7.4070

Deuteranomaly

194.0990, 4.0350, -1.5410

Tritanomaly

191.4750, -20.6310, -6.0630

Monochromacy



Original Color

189.8740, -17.7410, -14.3890

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8740, -17.7410, -14.3890 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(164, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(164, 204, 185)  
}
```

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(164, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 204, 185) }
```

Border

The CSS property to change the border of an element to YIQ 189.8740, -17.7410, -14.3890 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(164, 204, 185) }
```


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

```
.border{ border-color:rgb(164, 204, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(164, 204,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8740, -17.7410, -14.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 204, 185) }
```

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

```
.background{ background-color: rgb(164,  
204, 185) }
```

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