

Converting Colors

YIQ(174.8410, -39.3370,
-8.4650)

Have a look what the booklet for
YIQ(174.8410, -39.3370, -8.4650)
contains.

YIQ(174.8410, -39.3370, -8.4650)	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(174.8410, -39.3370,
-8.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	84BFCC
RGB	132, 191, 204
RGB Percent	52%, 75%, 80%
CMY	0.4825, 0.2509, 0.2002
CMYK	0.35, 0.06, 0.00, 0.20
HSL	191°, 41%, 66%
HSV	191°, 35%, 80%
XYZ	39.0407, 46.5329, 64.0242
YIQ	174.8410, -39.3370, -8.4650

Conversions

Conversions Part 2

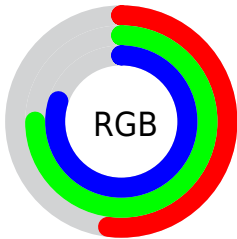
Format	Color
RYB	132, 164, 204
Decimal	8699852
CIELab	73.89, -15.78, -12.57
CIElCh	74, 20.178, 218.542
Yxy	46.5329, 0.2610, 0.3111
Android (android.graphics.Color)	4286889932 (0xFF84BFCC)
YUV	174.8410, 14.3754, -37.5716
Hunter-Lab	68.2150, -17.2175, -7.8970

Details

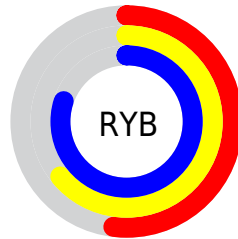
The YIQ color **174.8410, -39.3370, -8.4650** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.1590, 39.3370, 8.4650**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.9720, -38.3280, -10.2320**, and **120.8410, -39.3370, -8.4650** is the 20% darker color. If you saturate the color by 10%, you get **166.5130, -50.1570, -10.6130**, and if you desaturate by 10%, it is **183.1690, -28.5170, -6.3170**.

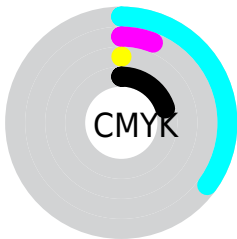
Distribution



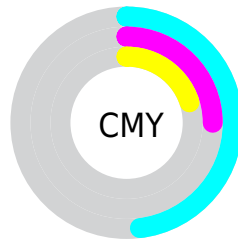
- Red (52%)
- Green (75%)
- Blue (80%)



- Red (52%)
- Yellow (64%)
- Blue (80%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8410, -39.3370, -8.4650 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 174.8410, -39.3370, -8.4650 by changing the saturation by 10% instead.

■ 174.8410,
-39.3370, -8.4650

■ 174.8410,
-39.3370, -8.4650

■ 255.0000, -0.0000,
-0.0000

■ 147.8410,
-39.3370, -8.4650

■ 229.9720,
-38.3280, -10.2320

■ 121.4280,
-39.6120, -8.9880

■ 243.3390,
-23.2440, -8.2680

■ 95.4280, -39.6120,
-8.9880

■ 252.0100, -5.9600,
-2.1200

■ 68.6340, -43.1880,
-10.2600

■ 46.1180, -41.6750,
-10.1470

■ 30.6960, -28.5630,
-5.4830

■ 17.0350, -16.2760,

-2.3880

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 174.8410,
-39.3370, -8.4650

■ 174.8410,
-39.3370, -8.4650

■ 166.5130,
-50.1570, -10.6130

■ 183.1690,
-28.5170, -6.3170

■ 158.4730,
-61.8480, -13.4960

■ 191.2090,
-16.8260, -3.4340

■ 150.1450,
-72.6680, -15.6440

■ 199.5370, -6.0060,
-1.2860

■ 141.5180,
-84.0840, -18.0040

■ 208.1640, 5.4100,
1.0740

■ 133.7770,
-95.1790, -20.6750

■ 215.9050, 16.5050,
3.7450

■ 125.4490,
-105.9990, -22.8230

■ 224.2330, 27.3250,
5.8930

■ 121.2850,
-111.4090, -23.8970

■ 226.8800, 26.8210,
4.0130

■ 228.6410, 25.9960,
2.4440

■ 230.9890, 24.8960,
0.3520

Harmonies

Analogous

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



173.9740, -32.6420, -14.1620



174.8410, -39.3370, -8.4650



177.6340, -34.0200, -0.1960

Triad

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



174.8410, -39.3370, -8.4650



184.9240, 15.4940, 16.5660



180.1740, 16.6450, -9.8110

Complementary

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



174.8410, -39.3370, -8.4650



161.1590, 39.3370, 8.4650

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.



182.3760, 28.0600, -1.9240



174.8410, -39.3370, -8.4650



185.1610, 27.8280, 13.3000

Square

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



174.8410, -39.3370, -8.4650



184.1870, -1.4240, 14.8000



183.6850, 31.8640, 6.2320



178.5140, 0.8280, -15.0120

Rectangle

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



174.8410, -39.3370, -8.4650



179.8140, -25.5390, 5.7970



183.6850, 31.8640, 6.2320



181.0930, 21.3670, -7.2810

Sweetspot

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



174.8410, -39.3370, -8.4650



243.6930, -15.3130, -3.3210



175.6320, -23.6520, -33.9240



121.1560, -9.3070, -2.0350



0.0000, 0.0000, 0.0000



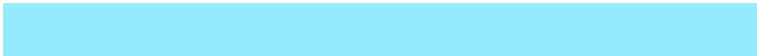
128.0000, -0.0000, -0.0000

Same Dimension

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



174.8410, -39.3370, -8.4650



211.8540, -58.5470, -12.7470



154.2960, -29.7120, 9.8400



97.8360, -5.4100, -1.0740



98.7560, -90.6860, -19.5020



22.5290, -20.7230, -4.3950

Inverse Universe

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



160.2540, 23.9730, 33.6130



190.0250, 35.5240, 50.0520



181.7040, 29.7120, -9.8400



95.9020, 3.3920, 4.6080



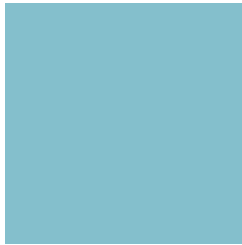
65.1380, 55.2800, 77.4880



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 174.8410, -39.3370, -8.4650 looks on a white background.

Color Contrast Check

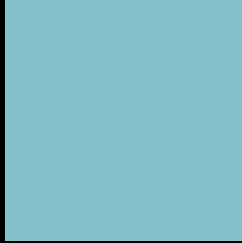
Large Text (above 18pt) WCAG AA × Fail

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 174.8410, -39.3370, -8.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

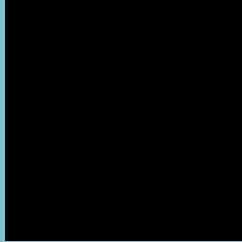
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8410, -39.3370, -8.4650

Background



This preview shows how black text looks on a background with the YIQ color 174.8410, -39.3370, -8.4650.



This preview shows how white text looks on a background with the YIQ color 174.8410, -39.3370,

-8.4650.

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

174.8410, -39.3370, -8.4650

Protanopia

181.6390, -6.0530, 5.0750

Deuteranopia

182.5240, -3.9910, 11.7610



Tritanopia

175.0690, -39.9790, -7.8430

Trichromacy



Original Color

174.8410, -39.3370, -8.4650

Protanomaly

179.2460, -18.2480, 0.3120

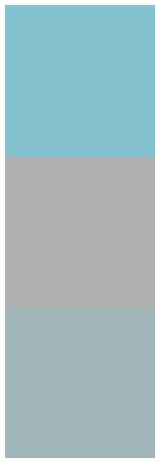
Deuteranomaly

179.3650, -16.9650, 4.5950

Tritanomaly

174.9550, -39.6580, -8.1540

Monochromacy



Original Color

174.8410, -39.3370, -8.4650

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9920, -14.7170, -3.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8410, -39.3370, -8.4650 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(132, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(132, 191, 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(132, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 191, 204) }
```

Border

The CSS property to change the border of an element to YIQ 174.8410, -39.3370, -8.4650 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(132, 191, 204) }
```


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

```
.border{ border-color:rgb(132, 191, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 191, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 191, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 191, 204);  
box-shadow:4px 4px 4px 4px rgb(132, 191,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8410, -39.3370, -8.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 191, 204) }
```

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

```
.background{ background-color: rgb(132,  
191, 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](#).

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