

Converting Colors

YIQ(176.8360, -40.9410,
-12.4370)

Have a look what the booklet for
YIQ(176.8360, -40.9410, -12.4370)
contains.

YIQ(176.8360, -40.9410, -12.4370)	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(176.8360, -40.9410,
-12.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	82C4C9
RGB	130, 196, 201
RGB Percent	51%, 77%, 79%
CMY	0.4903, 0.2312, 0.2119
CMYK	0.35, 0.02, 0.00, 0.21
HSL	184°, 40%, 65%
HSV	184°, 35%, 79%
XYZ	39.4837, 48.4502, 62.5030
YIQ	176.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

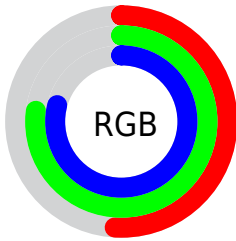
Format	Color
RYB	130, 164, 201
Decimal	8570057
CIELab	75.11, -19.63, -9.13
CIELCh	75, 21.653, 204.953
Yxy	48.4502, 0.2625, 0.3221
Android (android.graphics.Color)	4286760137 (0xFF82C4C9)
YUV	176.8360, 11.9129, -41.0752
Hunter-Lab	69.6061, -20.5576, -4.5153

Details

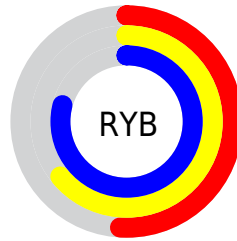
The YIQ color **176.8360, -40.9410, -12.4370** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **154.1640, 40.9410, 12.4370**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8960, -41.1700, -13.7940**, and **122.8360, -40.9410, -12.4370** is the 20% darker color. If you saturate the color by 10%, you get **170.2690, -52.5860, -16.1540**, and if you desaturate by 10%, it is **183.4030, -29.2960, -8.7200**.

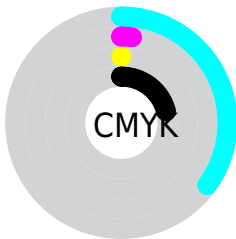
Distribution



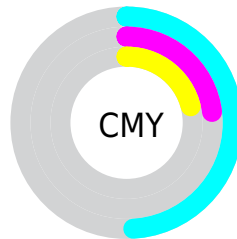
- Red (51%)
- Green (77%)
- Blue (79%)



- Red (51%)
- Yellow (64%)
- Blue (79%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8360, -40.9410, -12.4370 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 176.8360, -40.9410, -12.4370 by changing the saturation by 10% instead.

■ 176.8360,
-40.9410, -12.4370

■ 176.8360,
-40.9410, -12.4370

■ 255.0000, -0.0000,
-0.0000

■ 149.8360,
-40.9410, -12.4370

■ 232.8960,
-41.1700, -13.7940

■ 122.8360,
-40.9410, -12.4370

■ 242.7410,
-24.4360, -8.6920

■ 96.5370, -41.5370,
-12.6490

■ 251.4120, -7.1520,
-2.5440

■ 69.8460, -46.9010,
-14.5570

■ 48.2380, -42.1330,
-12.8610

■ 32.1150, -28.4250,
-7.9850

■ 18.5680, -16.4590,

-4.5790

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 176.8360,
-40.9410, -12.4370

■ 176.8360,
-40.9410, -12.4370

■ 170.2690,
-52.5860, -16.1540

■ 183.4030,
-29.2960, -8.7200

■ 163.1150,
-63.9560, -19.3480

■ 190.5570,
-17.9260, -5.5260

■ 156.5480,
-75.6010, -23.0650

■ 197.1240, -6.2810,
-1.8090

■ 149.3940,
-86.9710, -26.2590

■ 204.2780, 5.0890,
1.3850

■ 142.5280,
-99.2120, -30.1880

■ 210.8450, 16.7340,
5.1020

■ 135.9610,
-110.8570, -33.9050

■ 217.7110, 28.9750,
9.0310

■ 132.6830,
-115.9460, -35.2900

■ 220.0810, 30.8090,
8.8330

■ 220.6680, 30.5340,
8.3100

■ 221.8420, 29.9840,
7.2640

Harmonies

Analogous

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



177.5460, -28.5610, -16.5370



176.8360, -40.9410, -12.4370



178.6930, -41.6760, -4.6200

Triad

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



176.8360, -40.9410, -12.4370



188.6290, 9.0750, 17.2590



184.0610, 24.3930, -7.0550

Complementary

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



176.8360, -40.9410, -12.4370



154.1640, 40.9410, 12.4370

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.



186.2350, 33.0110, 1.9630



176.8360, -40.9410, -12.4370



188.6000, 25.2140, 16.6220

Square

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



176.8360, -40.9410, -12.4370



186.4570, -11.0520, 13.0760



187.8040, 33.1470, 10.5150



182.3470, 8.6680, -13.9240

Rectangle

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



176.8360, -40.9410, -12.4370



181.5030, -35.0290, 1.5710



187.8040, 33.1470, 10.5150



185.2080, 28.4730, -3.9030

Sweetspot

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



176.8360, -40.9410, -12.4370



245.4540, -16.1380, -4.8900



172.2470, -21.1300, -35.5780



121.7430, -9.5820, -2.5580



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.



176.8360, -40.9410, -12.4370



218.8980, -61.8470, -19.0230



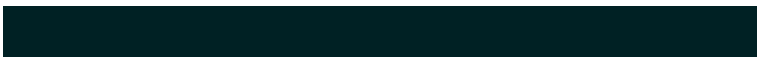
156.2910, -31.3160, 5.8680



96.3090, -5.3640, -1.9080



107.8060, -94.1230, -28.8030



23.4750, -20.6310, -6.0630

Inverse Universe

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



158.7530, 21.1300, 35.5780



191.3930, 31.6720, 53.7840



174.7090, 31.3160, -5.8680



93.7170, 2.4750, 4.7070



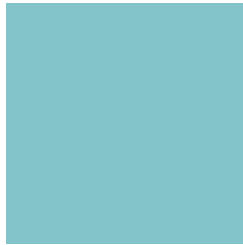
66.0650, 48.3560, 81.8280



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 176.8360, -40.9410, -12.4370 looks on a white background.

Color Contrast Check

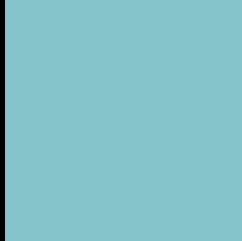
Large Text (above 18pt) WCAG AA × Fail

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 176.8360, -40.9410, -12.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

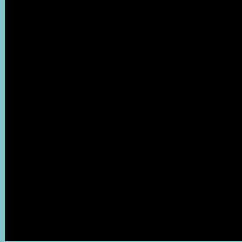
Any Text WCAG AA ✓ Pass

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 176.8360, -40.9410, -12.4370 Background



This preview shows how black text looks on a background with the YIQ color 176.8360, -40.9410, -12.4370.



This preview shows how white text looks on a background with the YIQ color 176.8360, -40.9410, -12.4370.

-12.4370.

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

176.8360, -40.9410, -12.4370

Protanopia

184.7380, -2.0180, 3.5340

Deuteranopia

186.1500, -0.0020, 11.0540



Tritanopia

177.8730, -42.3630, -8.6910

Trichromacy



Original Color

176.8360, -40.9410, -12.4370

Protanomaly

182.0350, -16.2760, -2.3880

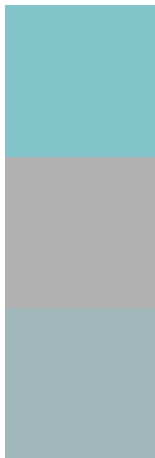
Deuteranomaly

182.6810, -15.0390, 2.7290

Tritanomaly

177.2320, -41.9960, -9.8360

Monochromacy



Original Color

176.8360, -40.9410, -12.4370

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0520, -14.9460, -4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8360, -40.9410, -12.4370 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(130, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(130, 196, 201)  
}
```

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(130, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 196, 201) }
```

Border

The CSS property to change the border of an element to YIQ 176.8360, -40.9410, -12.4370 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(130, 196, 201) }
```


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

```
.border{ border-color:rgb(130, 196, 201) }
```

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

Here you see how a box with a 4 pixel rgb(130, 196, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(130, 196,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8360, -40.9410, -12.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 196, 201) }
```

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

```
.background{ background-color: rgb(130,  
196, 201) }
```

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