

Converting Colors

YIQ(149.8480, -41.2150,
-18.4870)

Have a look what the booklet for
YIQ(149.8480, -41.2150, -18.4870)
contains.

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Color

**YIQ(149.8480, -41.2150,
-18.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	63ADA4
RGB	99, 173, 164
RGB Percent	39%, 68%, 64%
CMY	0.6119, 0.3214, 0.3570
CMYK	0.43, 0.00, 0.05, 0.32
HSL	173°, 31%, 53%
HSV	173°, 43%, 68%
XYZ	26.7873, 35.2280, 40.4909
YIQ	149.8480, -41.2150, -18.4870

Conversions

Conversions Part 2

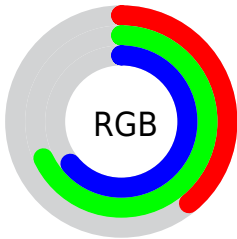
Format	Color
RYB	99, 138, 173
Decimal	6532516
CIELab	65.93, -25.31, -2.57
CIElCh	66, 25.440, 185.802
Yxy	35.2280, 0.2613, 0.3437
Android (android.graphics.Color)	4284722596 (0xFF63ADA4)
YUV	149.8480, 6.9769, -44.5937
Hunter-Lab	59.3532, -23.3074, 1.0994

Details

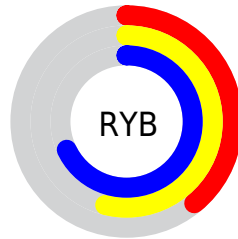
The YIQ color **149.8480, -41.2150, -18.4870** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **122.1520, 41.2150, 18.4870**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.4350, -41.4900, -19.0100**, and **96.3640, -42.7280, -18.6000** is the 20% darker color. If you saturate the color by 10%, you get **144.5370, -50.7050, -22.7130**, and if you desaturate by 10%, it is **155.1590, -31.7250, -14.2610**.

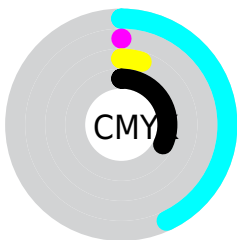
Distribution



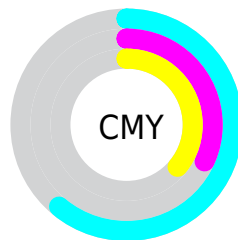
- Red (39%)
- Green (68%)
- Blue (64%)



- Red (39%)
- Yellow (54%)
- Blue (68%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.8480, -41.2150, -18.4870 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 149.8480, -41.2150, -18.4870 by changing the saturation by 10% instead.

■ 149.8480,
-41.2150, -18.4870

■ 149.8480,
-41.2150, -18.4870

■ 255.0000, -0.0000,
-0.0000

■ 122.9620,
-41.5360, -18.1760

■ 205.4350,
-41.4900, -19.0100

■ 96.3640, -42.7280,
-18.6000

■ 232.2610,
-40.9400, -17.9640

■ 67.5910, -50.7970,
-21.0450

■ 241.5450,
-26.8200, -9.5400

■ 49.0870, -40.3900,
-16.9180

■ 250.2160, -9.5360,
-3.3920

■ 33.0780, -27.0030,
-11.7310

■ 19.5310, -15.0370,
-8.3250

■ 0.0000, 0.0000,

0.0000

■ 149.8480,
-41.2150, -18.4870

■ 149.8480,
-41.2150, -18.4870

■ 144.5370,
-50.7050, -22.7130

■ 155.1590,
-31.7250, -14.2610

■ 138.9270,
-60.7910, -27.1510

■ 160.7690,
-21.6390, -9.8230

■ 133.6160,
-70.2810, -31.3770

■ 166.0800,
-12.1490, -5.5970

■ 128.1910,
-79.4500, -35.9140

■ 171.3910, -2.6590,
-1.3710

■ 122.5810,
-89.5360, -40.3520

■ 176.8160, 6.5100,
3.1660

■ 118.8790,
-96.3670, -43.2070

■ 182.4260, 16.5960,
7.6040

■ 187.7370, 26.0860,
11.8300

■ 193.0480, 35.5760,
16.0560

■ 198.6580, 45.6620,
20.4940

Harmonies

Analogous

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



152.6300, -20.1700, -19.9300



149.8480, -41.2150, -18.4870



149.6760, -52.1740, -12.6060

Triad

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



149.8480, -41.2150, -18.4870



162.8000, -4.5880, 17.0760



160.4970, 35.0290, -1.5710

Complementary

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



149.8480, -41.2150, -18.4870



122.1520, 41.2150, 18.4870

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.



162.3870, 38.6950, 9.0870



149.8480, -41.2150, -18.4870



163.8150, 17.4190, 20.2270

Square

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



149.8480, -41.2150, -18.4870



159.1390, -27.8320, 8.8080



163.0200, 32.7790, 17.1870



158.4580, 21.5970, -11.4510

Rectangle

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



149.8480, -41.2150, -18.4870



151.5610, -50.1120, -5.9200



163.0200, 32.7790, 17.1870



161.2740, 37.2750, 1.7790

Sweetspot

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



149.8480, -41.2150, -18.4870



214.9870, -16.3210, -7.0810



145.4280, -14.3900, -36.5820



106.3900, -10.0860, -4.4380



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.8480, -41.2150, -18.4870



188.3180, -63.4500, -28.5220



135.0250, -36.6790, -1.5670



84.1950, -5.0430, -2.2190



103.0980, -83.6220, -37.3980



15.7810, -12.7450, -5.8090

Inverse Universe

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



122.1520, 41.2150, 18.4870



145.6820, 63.4500, 28.5220



136.9750, 36.6790, 1.5670



80.8050, 5.0430, 2.2190



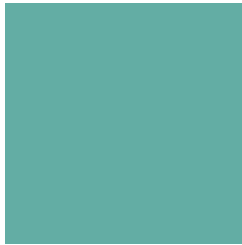
46.9020, 83.6220, 37.3980



7.2190, 12.7450, 5.8090

Previews

White Background



This preview shows how the YIQ color 149.8480, -41.2150, -18.4870 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 149.8480, -41.2150, -18.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

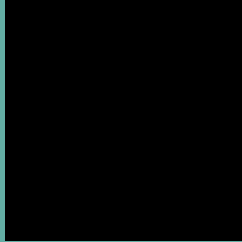
Any Text WCAG AA ✓ Pass

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 149.8480, -41.2150, -18.4870 Background



This preview shows how black text looks on a background with the YIQ color 149.8480, -41.2150, -18.4870.



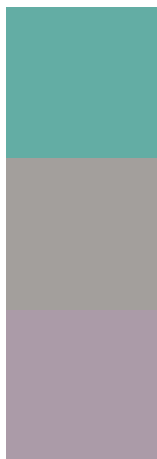
This preview shows how white text looks on a background with the YIQ color 149.8480, -41.2150, -18.4870.

-18.4870.

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

149.8480, -41.2150, -18.4870

Protanopia

159.8540, 3.3470, -0.0850

Deuteranopia

161.2660, 5.3630, 7.4350



Tritanopia

152.1610, -43.2340, -9.4260

Trichromacy



Original Color

149.8480, -41.2150, -18.4870

Protanomaly

156.2540, -12.6990, -6.6430

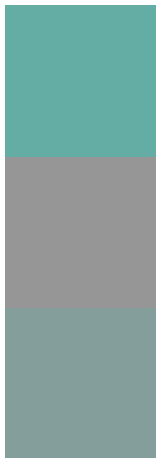
Deuteranomaly

157.4870, -11.7370, -2.0490

Tritanomaly

151.3520, -42.4540, -12.5500

Monochromacy



Original Color

149.8480, -41.2150, -18.4870

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.5850, -15.1290, -6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8480, -41.2150, -18.4870 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(99, 173, 164)` looks like.

```
.text, #text, p{  
    color:rgb(99, 173, 164)  
}
```

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(99, 173, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 173, 164) }
```

Border

The CSS property to change the border of an element to YIQ 149.8480, -41.2150, -18.4870 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(99, 173, 164) }
```


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

```
.border{ border-color:rgb(99, 173, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 173, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 173, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 173, 164);  
box-shadow:4px 4px 4px 4px rgb(99, 173,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8480, -41.2150, -18.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 173, 164) }
```

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

```
.background{ background-color: rgb(99, 173,  
164) }
```

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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