

Converting Colors

YIQ(159.9480, 14.9460, 4.4660)

Have a look what the booklet for
YIQ(159.9480, 14.9460, 4.4660)
contains.

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Color

**YIQ(159.9480, 14.9460,
4.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	B19997
RGB	177, 153, 151
RGB Percent	69%, 60%, 59%
CMY	0.3058, 0.4000, 0.4078
CMYK	0.00, 0.14, 0.15, 0.31
HSL	5°, 14%, 64%
HSV	5°, 15%, 69%
XYZ	35.1115, 34.3628, 34.0669
YIQ	159.9480, 14.9460, 4.4660

Conversions

Conversions Part 2

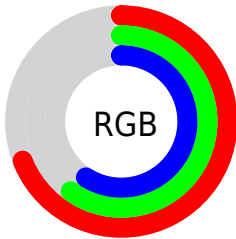
Format	Color
RYB	177, 153, 151
Decimal	11639191
CIELab	65.25, 8.55, 4.31
CIELCh	65, 9.574, 26.756
Yxy	34.3628, 0.3391, 0.3319
Android (android.graphics.Color)	4289829271 (0xFFB19997)
YUV	159.9480, -4.4114, 14.9546
Hunter-Lab	58.6198, 4.3314, 6.5775

Details

The YIQ color **159.9480, 14.9460, 4.4660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.0520, -14.9460, -4.4660**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.5460, 16.1380, 4.8900**, and **108.3500, 13.7540, 4.0420** is the 20% darker color. If you saturate the color by 10%, you get **148.5040, 25.1240, 7.2360**, and if you desaturate by 10%, it is **171.3920, 4.7680, 1.6960**.

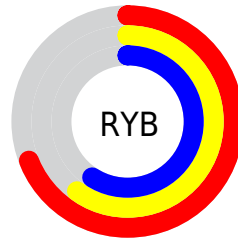
Distribution



Red (69%)

Green (60%)

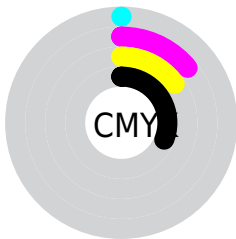
Blue (59%)



Red (69%)

Yellow (60%)

Blue (59%)

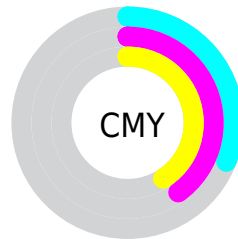


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (40%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.9480, 14.9460, 4.4660 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 159.9480, 14.9460, 4.4660 by changing the saturation by 10% instead.


 159.9480, 14.9460,
4.4660


 159.9480, 14.9460,
4.4660


255.0000, -0.0000,
-0.0000


 133.6490, 14.3500,
4.2540


 214.5460, 16.1380,
4.8900


 108.3500, 13.7540,
4.0420

 241.3390, 12.2870,
3.0950

 84.0510, 13.1580,
3.8300

 60.8660, 12.2410,
3.9290

 39.1540, 11.3700,
3.1940

 17.6380, 12.8830,
3.3070

 0.0000, 0.0000,

0.0000

159.9480, 14.9460,
4.4660

159.9480, 14.9460,
4.4660

148.5040, 25.1240,
7.2360

171.3920, 4.7680,
1.6960

136.5870, 35.2560,
10.8400

183.3090, -5.3640,
-1.9080

125.1430, 45.4340,
13.6100

194.7530,
-15.5420, -4.6780

113.6990, 55.6120,
16.3800

206.1970,
-25.7200, -7.4480

101.7820, 65.7440,
19.9840

218.2280,
-36.1730, -10.7410

90.3380, 75.9220,
22.7540

229.3300,
-45.3880, -14.4440

■ 78.8940, 86.1000,
25.5240

■ 231.6780,
-46.4880, -16.5360

■ 66.8630, 96.5530,
28.8170

■ 60.5540, 101.9170,
30.7250

Harmonies

Analogous

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



160.3760, 10.8650, 6.8410



159.9480, 14.9460, 4.4660



159.4270, 14.8550, 0.6070

Triad

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



159.9480, 14.9460, 4.4660



156.0330, -4.7670, -7.2230



157.5350, -11.6920, 2.6440

Complementary

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



159.9480, 14.9460, 4.4660



168.0520, -14.9460, -4.4660

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.



156.5620, -16.3220, -1.5540



159.9480, 14.9460, 4.4660



155.4390, -11.7820, -6.7420

Square

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



159.9480, 14.9460, 4.4660



157.1650, 3.6690, -5.9230



155.5680, -16.4590, -4.5790



159.5360, -4.2650, 5.7110

Rectangle

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



159.9480, 14.9460, 4.4660



158.2910, 12.2420, -1.5980



155.5680, -16.4590, -4.5790



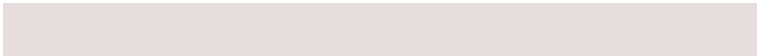
157.2250, -13.7550, 1.4850

Sweetspot

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



159.9480, 14.9460, 4.4660



223.5770, 5.6850, 1.5970



161.5100, 7.7920, 12.9760



110.7940, 3.5760, 1.2720



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



159.9480, 14.9460, 4.4660



202.3190, 24.2070, 7.3350



167.5790, 11.3710, -2.3330



83.2780, 5.0890, 1.3850



52.7910, 87.8880, 26.1600



8.9480, 14.9460, 4.4660

Inverse Universe

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



168.0520, -14.9460, -4.4660



215.0940, -23.9320, -6.8120



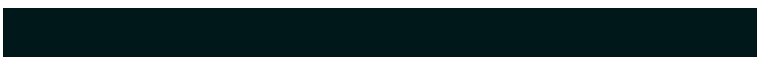
160.4210, -11.3710, 2.3330



86.3090, -5.3640, -1.9080



100.2090, -87.8880, -26.1600



17.0520, -14.9460, -4.4660

Previews

White Background



This preview shows how the YIQ color 159.9480, 14.9460, 4.4660 looks on a white background.

Color Contrast Check

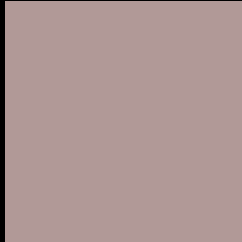
Large Text (above 18pt) WCAG AA × Fail

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 159.9480, 14.9460, 4.4660 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 159.9480, 14.9460, 4.4660

Background



This preview shows how black text looks on a background with the YIQ color 159.9480, 14.9460, 4.4660.



This preview shows how white text looks on a background with the YIQ color 159.9480, 14.9460,

4.4660.

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

159.9480, 14.9460, 4.4660

Protanopia

158.7400, 3.6680, -0.3960

Deuteranopia

159.9480, 14.9460, 4.4660



Tritanopia

160.7400, 12.8360, 9.6680

Trichromacy



Original Color

159.9480, 14.9460, 4.4660

Protanomaly

158.9470, 7.5190, 1.3990

Deuteranomaly

159.9480, 14.9460, 4.4660

Tritanomaly

160.5720, 13.2490, 7.6890

Monochromacy



Original Color

159.9480, 14.9460, 4.4660

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.6910, 5.3640, 1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9480, 14.9460, 4.4660 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(177, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(177, 153, 151)  
}
```

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(177, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 153, 151) }
```

Border

The CSS property to change the border of an element to YIQ 159.9480, 14.9460, 4.4660 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(177, 153, 151) }
```


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

```
.border{ border-color:rgb(177, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(177, 153,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9480, 14.9460, 4.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 153, 151) }
```

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

```
.background{ background-color: rgb(177,  
153, 151) }
```

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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