

Converting Colors

YIQ(159.9370, 13.4790, 3.5190)

Have a look what the booklet for
YIQ(159.9370, 13.4790, 3.5190)
contains.

YIQ(159.9370, 13.4790, 3.5190)	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(159.9370, 13.4790,
3.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9A97
RGB	175, 154, 151
RGB Percent	69%, 60%, 59%
CMY	0.3137, 0.3961, 0.4078
CMYK	0.00, 0.12, 0.14, 0.31
HSL	7°, 13%, 64%
HSV	7°, 14%, 69%
XYZ	34.8232, 34.4585, 34.1000
YIQ	159.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

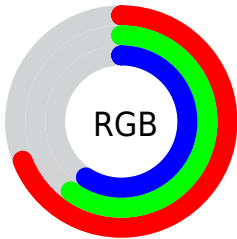
Format	Color
RYB	175, 154, 151
Decimal	11508375
CIELab	65.32, 7.24, 4.40
CIELCh	65, 8.470, 31.268
Yxy	34.4585, 0.3368, 0.3333
Android (android.graphics.Color)	4289698455 (0xFFAF9A97)
YUV	159.9370, -4.4059, 13.2103
Hunter-Lab	58.7014, 3.1634, 6.6490

Details

The YIQ color **159.9370, 13.4790, 3.5190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166.0630, -13.4790, -3.5190**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.5350, 14.6710, 3.9430**, and **108.3390, 12.2870, 3.0950** is the 20% darker color. If you saturate the color by 10%, you get **149.1940, 23.0610, 6.0770**, and if you desaturate by 10%, it is **170.7940, 3.5760, 1.2720**.

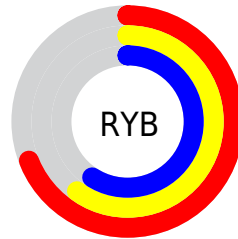
Distribution



Red (69%)

Green (60%)

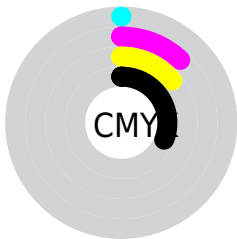
Blue (59%)



Red (69%)

Yellow (60%)

Blue (59%)

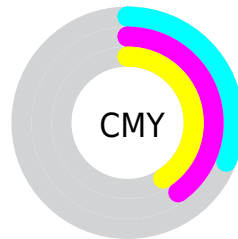


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.9370, 13.4790, 3.5190 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 159.9370, 13.4790, 3.5190 by changing the saturation by 10% instead.

■ 159.9370, 13.4790,
3.5190

■ 159.9370, 13.4790,
3.5190

255.0000, -0.0000,
-0.0000

■ 133.6380, 12.8830,
3.3070

■ 214.5350, 14.6710,
3.9430

■ 108.3390, 12.2870,
3.0950

■ 241.9260, 12.0120,
2.5720

■ 84.0400, 11.6910,
2.8830

■ 60.8550, 10.7740,
2.9820

■ 39.1430, 9.9030,
2.2470

■ 17.6270, 11.4160,
2.3600

■ 0.0000, 0.0000,

0.0000

159.9370, 13.4790,
3.5190

159.9370, 13.4790,
3.5190

149.1940, 23.0610,
6.0770

170.7940, 3.5760,
1.2720

137.7500, 33.2390,
8.8470

182.1240, -6.2810,
-1.8090

127.0070, 42.8210,
11.4050

192.9810,
-16.1840, -4.0560

116.1500, 52.7240,
13.6520

203.7240,
-25.7660, -6.6140

104.8200, 62.5810,
16.7330

215.1680,
-35.9440, -9.3840

93.9630, 72.4840,
18.9800

225.7970,
-45.2050, -12.2530

■ 83.2200, 82.0660,
21.5380

■ 231.0800,
-47.6800, -16.9600

■ 71.7760, 92.2440,
24.3080

■ 65.2390, 98.2500,
25.5940

Harmonies

Analogous

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



160.4360, 10.6360, 5.4840



159.9370, 13.4790, 3.5190



159.6440, 12.7460, 0.2820

Triad

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



159.9370, 13.4790, 3.5190



156.5600, -4.8130, -6.3890



158.3180, -9.5830, 2.9690

Complementary

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



159.9370, 13.4790, 3.5190



166.0630, -13.4790, -3.5190

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.



156.8720, -14.2590, -0.3950



159.9370, 13.4790, 3.5190



156.2650, -11.2320, -5.6960

Square

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



159.9370, 13.4790, 3.5190



157.7950, 1.8350, -5.7250



156.4650, -14.6710, -3.9430



159.7920, -2.1100, 5.2020

Rectangle

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



159.9370, 13.4790, 3.5190



158.5080, 10.1330, -1.9230



156.4650, -14.6710, -3.9430



157.8940, -11.3250, 1.4990

Sweetspot

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



159.9370, 13.4790, 3.5190



221.2780, 5.0890, 1.3850



160.5700, 7.5630, 11.6190



111.3810, 3.3010, 0.7490



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.



159.9370, 13.4790, 3.5190



204.1120, 20.3560, 5.5400



166.9810, 10.1790, -2.7570



81.2780, 5.0890, 1.3850



56.0030, 84.1750, 21.8630



8.6380, 12.8830, 3.3070

Inverse Universe

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



166.0630, -13.4790, -3.5190



213.3010, -20.0810, -5.0170



159.0190, -10.1790, 2.7570



83.7220, -5.0890, -1.3850



94.5840, -84.4500, -22.3860



14.3620, -12.8830, -3.3070

Previews

White Background



This preview shows how the YIQ color 159.9370, 13.4790, 3.5190 looks on a white background.

Color Contrast Check

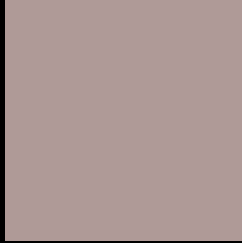
Large Text (above 18pt) WCAG AA × Fail

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 159.9370, 13.4790, 3.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

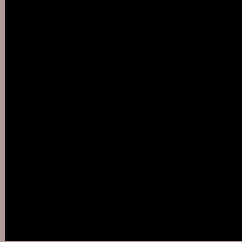
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.9370, 13.4790, 3.5190

Background



This preview shows how black text looks on a background with the YIQ color 159.9370, 13.4790, 3.5190.



This preview shows how white text looks on a background with the YIQ color 159.9370, 13.4790,

3.5190.

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

159.9370, 13.4790, 3.5190

Protanopia

158.9250, 4.5850, -0.4950

Deuteranopia

159.9480, 14.9460, 4.4660



Tritanopia

160.8430, 11.0480, 9.0320

Trichromacy



Original Color

159.9370, 13.4790, 3.5190

Protanomaly

159.4200, 7.5650, 0.5650

Deuteranomaly

159.6490, 14.3500, 4.2540

Tritanomaly

160.5610, 11.7820, 6.7420

Monochromacy



Original Color

159.9370, 13.4790, 3.5190

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.9790, 4.4930, 1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9370, 13.4790, 3.5190 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(175, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 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(175, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 151) }
```

Border

The CSS property to change the border of an element to YIQ 159.9370, 13.4790, 3.5190 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(175, 154, 151) }
```


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

```
.border{ border-color:rgb(175, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9370, 13.4790, 3.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 151) }
```

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

```
.background{ background-color: rgb(175,  
154, 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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