

# Converting Colors

YIQ(171.5750, -0.0010, 5.5270)

Have a look what the booklet for  
YIQ(171.5750, -0.0010, 5.5270)  
contains.

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# Color

**YIQ(171.5750, -0.0010,  
5.5270)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AFA8B5                    |
| RGB           | 175, 168, 181             |
| RGB Percent   | 69%, 66%, 71%             |
| CMY           | 0.3137, 0.3412, 0.2902    |
| CMYK          | 0.03, 0.07, 0.00, 0.29    |
| HSL           | 272°, 8%, 68%             |
| HSV           | 272°, 7%, 71%             |
| XYZ           | 40.0229, 40.4550, 49.4138 |
| YIQ           | 171.5750, -0.0010, 5.5270 |

# Conversions

## Conversions Part 2

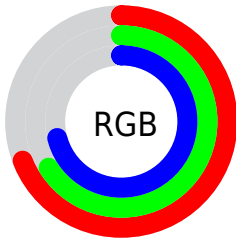
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>RYB</b>                          | 175, 168, 181               |
| Decimal                             | 11511989                    |
| CIELab                              | 69.79, 4.97, -5.78          |
| CIElCh                              | 70, 7.622, 310.713          |
| Yxy                                 | 40.4550, 0.3081,<br>0.3115  |
| Android<br>(android.graphics.Color) | 4289702069<br>(0xFFAFA8B5)  |
| YUV                                 | 171.5750, 4.6465,<br>3.0037 |
| Hunter-Lab                          | 63.6042, 1.0137,<br>-1.5392 |

# Details

The YIQ color  $171.5750, -0.0010, 5.5270$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $177.4250, 0.0010, -5.5270$ , and the grayscale version is  $172.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $226.9880, 0.2740, 6.0500$ , and  $119.4610, 0.3200, 5.2160$  is the 20% darker color. If you saturate the color by 10%, you get  $158.6170, 0.1810, 13.2450$ , and if you desaturate by 10%, it is  $184.5330, -0.1830, -2.1910$ .

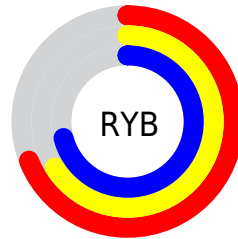
# Distribution



Red (69%)

Green (66%)

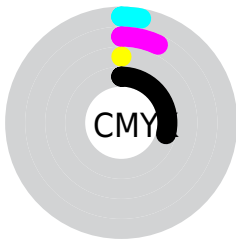
Blue (71%)



Red (69%)

Yellow (66%)

Blue (71%)

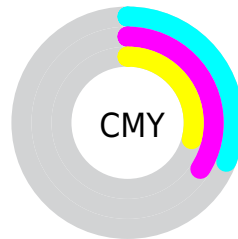


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (34%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5750, -0.0010, 5.5270 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 171.5750, -0.0010, 5.5270 by changing the saturation by 10% instead.



■ 171.5750, -0.0010,  
5.5270

■ 171.5750, -0.0010,  
5.5270

■ 255.0000, -0.0000,  
-0.0000

■ 145.1620, -0.2760,  
5.0040

■ 226.9880, 0.2740,  
6.0500

■ 119.4610, 0.3200,  
5.2160

■ 253.2390, 0.8250,  
1.5690

■ 94.4610, 0.3200,  
5.2160

■ 71.0480, 0.0450,  
4.6930

■ 48.6350, -0.2300,  
4.1700

■ 27.6350, -0.2300,  
4.1700

■ 2.6780, -1.7890,

4.8910

0.0000, 0.0000,  
0.0000

171.5750, -0.0010,  
5.5270

171.5750, -0.0010,  
5.5270

158.6170, 0.1810,  
13.2450

184.5330, -0.1830,  
-2.1910

145.3600, -0.2330,  
20.7510

197.7900, 0.2310,  
-9.6970

132.4020, -0.0510,  
28.4690

210.7480, 0.0490,  
-17.4150

119.4440, 0.1310,  
36.1870

223.7060, -0.1330,  
-25.1330

106.1870, -0.2830,  
43.6930

235.2020, 1.1060,  
-31.0700

■ 92.6420, 0.1740,  
51.9340

■ 237.5940, 5.8740,  
-29.3740

■ 79.6840, 0.3560,  
59.6520

■ 239.9860, 10.6420,  
-27.6780

■ 66.4270, -0.0580,  
67.1580

■ 242.6770, 16.0060,  
-25.7700

■ 53.4690, 0.1240,  
74.8760

■ 245.0690, 20.7740,  
-24.0740

# Harmonies

## Analogous

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



170.4000, -6.8780, 3.5060



171.5750, -0.0010, 5.5270



171.8100, 6.6470, 6.1910

# Triad

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



171.5750, -0.0010, 5.5270



171.3340, 10.6830, -0.8770



168.4930, -11.8740, -5.0740

# Complementary

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



171.5750, -0.0010, 5.5270



177.4250, 0.0010, -5.5270

# 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.



168.3040, -6.9680, -5.8800



171.5750, -0.0010, 5.5270



170.3010, 6.2820, -3.7180

# Square

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



171.5750, -0.0010, 5.5270



171.8120, 12.3330, 2.2610



169.4250, 0.0010, -5.5270



168.5900, -13.5250, -2.6850



# Rectangle

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



171.5750, -0.0010, 5.5270



172.2510, 9.7190, 5.5830



169.4250, 0.0010, -5.5270



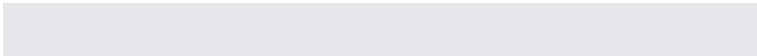
168.4500, -10.3150, -5.7950

# Sweetspot

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



171.5750, -0.0010, 5.5270



231.1680, -0.4130, 1.9790



173.0040, -5.8230, 0.9050



115.5270, -0.0460, 0.8340



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



171.5750, -0.0010, 5.5270



219.0960, 0.0900, 9.3860



173.3690, 3.5750, 6.7990



82.5210, 0.0910, 3.8590



41.9600, -0.2410, 64.9670



7.1500, -0.0020, 11.0540



# Inverse Universe

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



172.5710, 5.8220, 4.6220



220.7180, 9.9020, 7.7740



175.6310, -3.5750, -6.7990



83.1470, 4.0800, 3.1520



53.8410, 68.3970, 54.5170

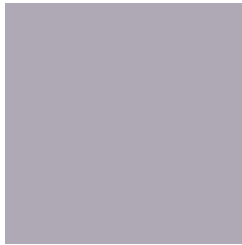


9.1420, 11.6440, 9.2440



# Previews

## White Background



This preview shows how the YIQ color 171.5750, -0.0010, 5.5270 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 171.5750, -0.0010, 5.5270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

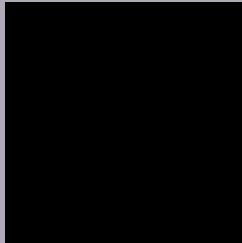
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 171.5750, -0.0010, 5.5270**

## **Background**



This preview shows how black text looks on a background with the YIQ color 171.5750, -0.0010, 5.5270.



This preview shows how white text looks on a background with the YIQ color 171.5750, -0.0010,



# 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

171.5750, -0.0010, 5.5270

### Protanopia

170.7810, -3.5770, 4.2550

### Deuteranopia

172.4940, 4.7210, 8.0570



## Tritanopia

171.5750, -0.0010, 5.5270

# Trichromacy



## Original Color

171.5750, -0.0010, 5.5270

## Protanomaly

171.3790, -2.3850, 4.6790

## Deuteranomaly

172.1840, 2.6580, 6.8980

## Tritanomaly

171.5750, -0.0010, 5.5270

# Monochromacy



## Original Color

171.5750, -0.0010, 5.5270

## Achromatopsia

172.0000, -0.0000, -0.0000

## Achromatomaly

172.0540, -0.0920, 1.6680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 171.5750, -0.0010, 5.5270 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, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 181)  
}
```

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, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 181) }
```

## Border

The CSS property to change the border of an element to YIQ 171.5750, -0.0010, 5.5270 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, 168, 181) }
```



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

```
.border{ border-color:rgb(175, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
181) }
```

# Background

The CSS property to change the background color of an element to YIQ 171.5750, -0.0010, 5.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 181) }
```

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

```
.background{ background-color: rgb(175,  
168, 181) }
```

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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