

# Converting Colors

YIQ(174.7560, 6.7390, 4.5230)

Have a look what the booklet for  
YIQ(174.7560, 6.7390, 4.5230)  
contains.

|  |    |
|--|----|
| <b>YIQ(174.7560, 6.7390, 4.5230)</b> .....     | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YIQ(174.7560, 6.7390,  
4.5230)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B8AAAF                    |
| RGB         | 184, 170, 175             |
| RGB Percent | 72%, 67%, 69%             |
| CMY         | 0.2784, 0.3333, 0.3137    |
| CMYK        | 0.00, 0.08, 0.05, 0.28    |
| HSL         | 339°, 9%, 69%             |
| HSV         | 339°, 8%, 72%             |
| XYZ         | 41.8815, 42.0341, 46.4664 |
| YIQ         | 174.7560, 6.7390, 4.5230  |

# Conversions

## Conversions Part 2

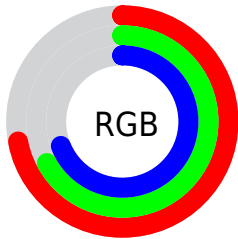
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>RYB</b>                          | 184, 170, 175               |
| Decimal                             | 12102319                    |
| CIELab                              | 70.89, 5.93, -0.76          |
| CIElCh                              | 71, 5.983, 352.719          |
| Yxy                                 | 42.0341, 0.3212,<br>0.3224  |
| Android<br>(android.graphics.Color) | 4290292399<br>(0xFFB8AAAF)  |
| YUV                                 | 174.7560, 0.1203,<br>8.1070 |
| Hunter-Lab                          | 64.8337, 1.8489,<br>2.8904  |

# Details

The YIQ color  $174.7560, 6.7390, 4.5230$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $179.2440, -6.7390, -4.5230$ , and the grayscale version is  $175.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $230.0550, 7.3350, 4.7350$ , and  $122.4570, 6.1430, 4.3110$  is the 20% darker color. If you saturate the color by 10%, you get  $162.8220, 15.5410, 10.2050$ , and if you desaturate by 10%, it is  $186.6900, -2.0630, -1.1590$ .

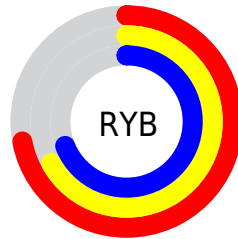
# Distribution



Red (72%)

Green (67%)

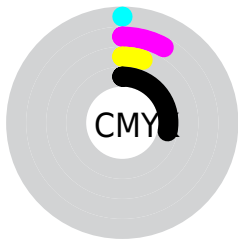
Blue (69%)



Red (72%)

Yellow (67%)

Blue (69%)

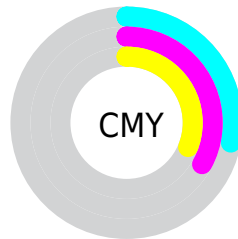


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7560, 6.7390, 4.5230 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 174.7560, 6.7390, 4.5230 by changing the saturation by 10% instead.



■ 174.7560, 6.7390,  
4.5230

■ 174.7560, 6.7390,  
4.5230

■ 255.0000, -0.0000,  
-0.0000

■ 148.3430, 6.4640,  
4.0000

■ 230.0550, 7.3350,  
4.7350

■ 122.4570, 6.1430,  
4.3110

■ 254.4130, 0.2750,  
0.5230

■ 97.4570, 6.1430,  
4.3110

■ 74.0440, 5.8680,  
3.7880

■ 51.0440, 5.8680,  
3.7880

■ 29.7450, 5.2720,  
3.5760

■ 5.6530, 8.5270,

5.1590

0.0000, 0.0000,  
0.0000

174.7560, 6.7390,  
4.5230

174.7560, 6.7390,  
4.5230

162.8220, 15.5410,  
10.2050

186.6900, -2.0630,  
-1.1590

150.3010, 24.6180,  
16.4100

199.2110,  
-11.1400, -7.3640

138.4810, 33.0990,  
22.4030

211.0310,  
-19.6210, -13.3570

125.9600, 42.1760,  
28.6080

223.5520,  
-28.6980, -19.5620

114.0260, 50.9780,  
34.2900

231.3770,  
-35.5750, -21.5830

■ 102.0920, 59.7800,  
39.9720

■ 232.7450,  
-39.4270, -17.8510

■ 89.5710, 68.8570,  
46.1770

■ 233.7710,  
-42.3160, -15.0520

■ 77.6370, 77.6590,  
51.8590

■ 65.2300, 86.4150,  
58.3750

# Harmonies

## Analogous

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



174.4180, 1.8790, 4.4950



174.7560, 6.7390, 4.5230



174.6700, 9.8570, 3.0810

# Triad

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



174.7560, 6.7390, 4.5230



172.7460, 3.5310, -3.4210



172.4980, -10.2700, -1.1020

# Complementary

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



174.7560, 6.7390, 4.5230



179.2440, -6.7390, -4.5230

# 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.



171.9170, -10.1320, -3.6040



174.7560, 6.7390, 4.5230



172.2830, -2.4750, -4.7070

# Square

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



174.7560, 6.7390, 4.5230



173.9530, 7.3820, -1.6260



171.9450, -7.3350, -4.7350



173.0470, -7.3820, 1.6260



# Rectangle

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



174.7560, 6.7390, 4.5230



174.6160, 9.9490, 1.4130



171.9450, -7.3350, -4.7350



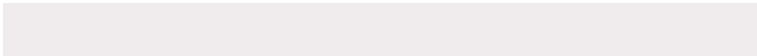
172.0850, -10.5450, -1.6250

# Sweetspot

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



174.7560, 6.7390, 4.5230



236.7230, 2.3380, 1.6820



174.2870, 0.8700, 6.2620



118.0110, 1.4670, 0.9470



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

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



174.7560, 6.7390, 4.5230



225.4900, 10.5440, 7.1520



175.3600, 7.7940, 1.9220



86.0330, 4.4010, 2.8410



53.0280, 75.0000, 50.4880



9.5120, 13.4780, 9.0460



# Inverse Universe

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



174.7560, 6.7390, 4.5230



225.4900, 10.5440, 7.1520



178.6400, -7.7940, -1.9220



86.0330, 4.4010, 2.8410



53.0280, 75.0000, 50.4880



9.5120, 13.4780, 9.0460



# Previews

## White Background



This preview shows how the YIQ color 174.7560, 6.7390, 4.5230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

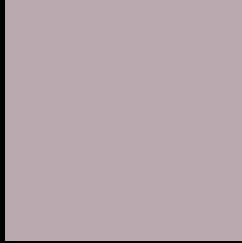
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 174.7560, 6.7390, 4.5230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

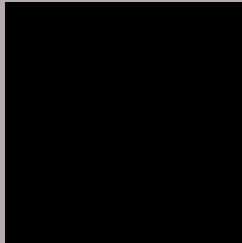
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

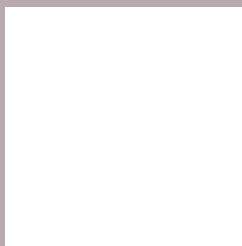
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 174.7560, 6.7390, 4.5230**

## **Background**



This preview shows how black text looks on a background with the YIQ color 174.7560, 6.7390, 4.5230.



This preview shows how white text looks on a background with the YIQ color 174.7560, 6.7390,

4.5230.

# 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

174.7560, 6.7390, 4.5230

### Protanopia

174.3530, 0.5040, 1.8800

### Deuteranopia

175.0770, 10.2690, 6.6290



## Tritanopia

175.2660, 5.3630, 7.4350

# Trichromacy



## Original Color

174.7560, 6.7390, 4.5230

## Protanomaly

174.5490, 2.8880, 2.7280

## Deuteranomaly

175.0660, 8.8020, 5.6820

## Tritanomaly

174.9240, 6.3260, 6.5020

# Monochromacy



## Original Color

174.7560, 6.7390, 4.5230

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

174.7230, 2.3380, 1.6820

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 174.7560, 6.7390, 4.5230 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(184, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 175)  
}
```

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(184, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 175) }
```

## Border

The CSS property to change the border of an element to YIQ 174.7560, 6.7390, 4.5230 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(184, 170, 175) }
```



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

```
.border{ border-color:rgb(184, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
175) }
```

# Background

The CSS property to change the background color of an element to YIQ 174.7560, 6.7390, 4.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 175) }
```

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

```
.background{ background-color: rgb(184,  
170, 175) }
```

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