

# Converting Colors

YIQ(173.5820, 7.2890, 5.5690)

Have a look what the booklet for  
YIQ(173.5820, 7.2890, 5.5690)  
contains.

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# Color

**YIQ(173.5820, 7.2890,  
5.5690)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B8A8AF
RGB	184, 168, 175
RGB Percent	72%, 66%, 69%
CMY	0.2784, 0.3412, 0.3137
CMYK	0.00, 0.09, 0.05, 0.28
HSL	334°, 10%, 69%
HSV	334°, 9%, 72%
XYZ	41.5096, 41.2899, 46.3425
YIQ	173.5820, 7.2890, 5.5690

# Conversions

## Conversions Part 2

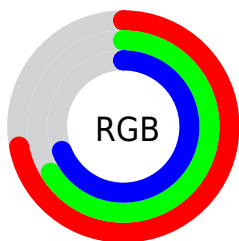
Format	Color
<a href="#">RYB</a>	<a href="#">184, 168, 175</a>
Decimal	<a href="#">12101807</a>
CIELab	<a href="#">70.38, 7.03, -1.51</a>
CIELCh	<a href="#">70, 7.190, 347.846</a>
Yxy	<a href="#">41.2899, 0.3214, 0.3197</a>
Android (android.graphics.Color)	<a href="#">4290291887</a> (0xFFB8A8AF)
YUV	<a href="#">173.5820, 0.6991, 9.1366</a>
Hunter-Lab	<a href="#">64.2572, 2.8594, 2.2199</a>

# Details

The YIQ color  $173.5820, 7.2890, 5.5690$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $178.4180, -7.2890, -5.5690$ , and the grayscale version is  $174.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $228.8810, 7.8850, 5.7810$ , and  $121.2830, 6.6930, 5.3570$  is the 20% darker color. If you saturate the color by 10%, you get  $161.8760, 15.4490, 11.8730$ , and if you desaturate by 10%, it is  $185.2880, -0.8710, -0.7350$ .

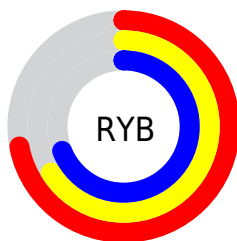
# Distribution



Red (72%)

Green (66%)

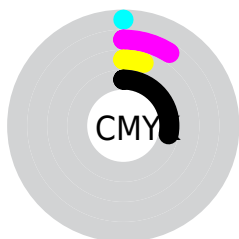
Blue (69%)



Red (72%)

Yellow (66%)

Blue (69%)

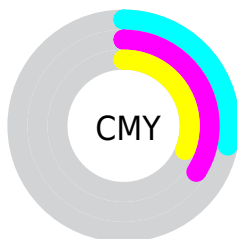


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (34%)


Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 173.5820, 7.2890, 5.5690 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 173.5820, 7.2890, 5.5690 by changing the saturation by 10% instead.




 173.5820, 7.2890,  
5.5690

 173.5820, 7.2890,  
5.5690


255.0000, -0.0000,  
-0.0000


 147.1690, 7.0140,  
5.0460


 228.8810, 7.8850,  
5.7810


 121.2830, 6.6930,  
5.3570

 253.2390, 0.8250,  
1.5690

 96.2830, 6.6930,  
5.3570

 72.8700, 6.4180,  
4.8340

 50.1580, 5.5470,  
4.0990

 29.1580, 5.5470,  
4.0990

 5.6530, 8.5270,

5.1590

0.0000, 0.0000,  
0.0000

173.5820, 7.2890,  
5.5690

173.5820, 7.2890,  
5.5690

161.8760, 15.4490,  
11.8730

185.2880, -0.8710,  
-0.7350

149.4690, 24.2050,  
18.3890

197.6950, -9.6270,  
-7.2510

137.7630, 32.3650,  
24.6930

209.4010,  
-17.7870, -13.5550

125.4700, 40.8000,  
31.5200

221.6940,  
-26.2220, -20.3820

113.6500, 49.2810,  
37.5130

230.5790,  
-33.3280, -23.7600

■ 101.9440, 57.4410,  
43.8170

■ 231.7190,  
-36.5380, -20.6500

■ 89.6510, 65.8760,  
50.6440

■ 232.8590,  
-39.7480, -17.5400

■ 77.8310, 74.3570,  
56.6370

■ 233.7710,  
-42.3160, -15.0520

■ 65.5380, 82.7920,  
63.4640

# Harmonies

## Analogous

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



173.0590, 1.5120, 5.6400



173.5820, 7.2890, 5.5690



173.6810, 11.3240, 4.0280

# Triad

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



173.5820, 7.2890, 5.5690



171.5180, 4.1730, -4.0430



170.3020, -12.6540, -1.9500

# Complementary

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



173.5820, 7.2890, 5.5690



178.4180, -7.2890, -5.5690

# 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.



170.0200, -11.9200, -4.2400



173.5820, 7.2890, 5.5690



170.9410, -1.5120, -5.6400

# Square

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



173.5820, 7.2890, 5.5690



172.3230, 9.2160, -1.8240



170.1190, -7.8850, -5.7810



171.3780, -9.8120, 1.6120



# Rectangle

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



173.5820, 7.2890, 5.5690



172.9260, 12.0120, 2.5720



170.1190, -7.8850, -5.7810



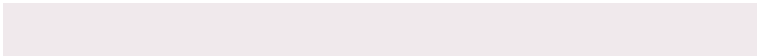
170.7750, -12.6080, -2.7840

# Sweetspot

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



173.5820, 7.2890, 5.5690



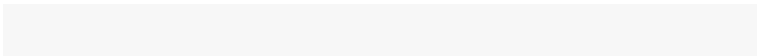
235.4350, 3.2090, 2.4170



172.5150, 0.2280, 6.8840



116.7230, 2.3380, 1.6820



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.



173.5820, 7.2890, 5.5690



224.3160, 11.0940, 8.1980



173.3710, 9.2610, 2.8690



86.1470, 4.0800, 3.1520



54.3960, 71.1480, 54.2200



9.7400, 12.8360, 9.6680



# Inverse Universe

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



173.5820, 7.2890, 5.5690



224.3160, 11.0940, 8.1980



178.6290, -9.2610, -2.8690



86.1470, 4.0800, 3.1520



54.3960, 71.1480, 54.2200



9.7400, 12.8360, 9.6680



# Previews

## White Background



This preview shows how the YIQ color 173.5820, 7.2890, 5.5690 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

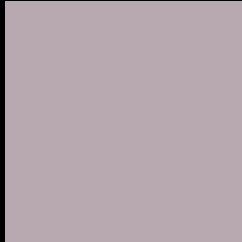
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 173.5820, 7.2890, 5.5690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

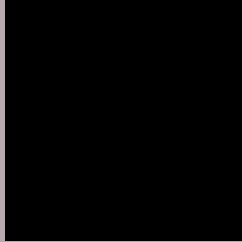
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 173.5820, 7.2890, 5.5690

## Background



This preview shows how black text looks on a background with the YIQ color 173.5820, 7.2890, 5.5690.



This preview shows how white text looks on a background with the YIQ color 173.5820, 7.2890, 5.5690.



# 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

173.5820, 7.2890, 5.5690

### Protanopia

172.5810, -0.1380, 2.5020

### Deuteranopia

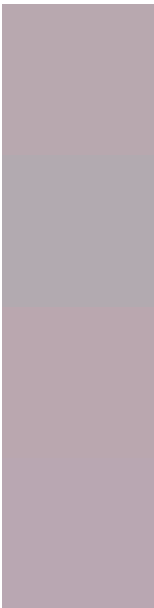
173.8920, 9.3520, 6.7280



## Tritanopia

173.8640, 6.5550, 7.8590

# Trichromacy



**Original Color**  
173.5820, 7.2890, 5.5690

**Protanomaly**  
173.0760, 2.8420, 3.5620

**Deuteranomaly**  
173.5930, 8.7560, 6.5160

**Tritanomaly**  
173.6360, 7.1970, 7.2370

# Monochromacy



**Original Color**  
173.5820, 7.2890, 5.5690

**Achromatopsia**  
174.0000, -0.0000, -0.0000

**Achromatomaly**  
174.0220, 2.9340, 1.8940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 173.5820, 7.2890, 5.5690 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, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 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, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 175) }
```

## Border

The CSS property to change the border of an element to YIQ 173.5820, 7.2890, 5.5690 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, 168, 175) }
```



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

```
.border{ border-color:rgb(184, 168, 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, 168, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
175) }
```

# Background

The CSS property to change the background color of an element to YIQ 173.5820, 7.2890, 5.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 175) }
```

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

```
.background{ background-color: rgb(184,  
168, 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](#).

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