

Converting Colors

YIQ(179.5650, 5.9590, 7.6470)

Have a look what the booklet for
YIQ(179.5650, 5.9590, 7.6470)
contains.

YIQ(179.5650, 5.9590, 7.6470)	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(179.5650, 5.9590,
7.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	BEADBA
RGB	190, 173, 186
RGB Percent	75%, 68%, 73%
CMY	0.2548, 0.3216, 0.2706
CMYK	0.00, 0.09, 0.02, 0.25
HSL	314°, 12%, 71%
HSV	314°, 9%, 75%
XYZ	45.0438, 44.3785, 52.6481
YIQ	179.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

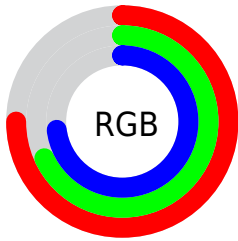
Format	Color
R _Y B	190, 173, 186
Decimal	12496314
CIE Lab	72.48, 8.44, -4.42
CIE LCh	72, 9.531, 332.340
Yxy	44.3785, 0.3171, 0.3124
Android (android.graphics.Color)	4290686394 (0xFFBEADBA)
YUV	179.5650, 3.1725, 9.1515
Hunter-Lab	66.6172, 4.1143, -0.2254

Details

The YIQ color $179.5650, 5.9590, 7.6470$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $183.4350, -5.9590, -7.6470$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.9780, 6.2340, 8.1700$, and $127.1520, 5.6840, 7.1240$ is the 20% darker color. If you saturate the color by 10%, you get $167.9560, 12.4680, 16.3400$, and if you desaturate by 10%, it is $191.1740, -0.5500, -1.0460$.

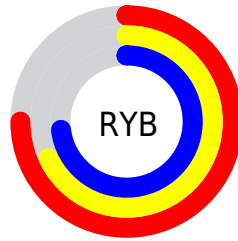
Distribution



Red (75%)

Green (68%)

Blue (73%)



Red (75%)

Yellow (68%)

Blue (73%)

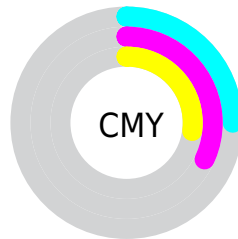


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.5650, 5.9590, 7.6470 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 179.5650, 5.9590, 7.6470 by changing the saturation by 10% instead.

■ 179.5650, 5.9590,
7.6470

■ 179.5650, 5.9590,
7.6470

255.0000, -0.0000,
-0.0000

■ 152.5650, 5.9590,
7.6470

■ 234.9780, 6.2340,
8.1700

■ 127.1520, 5.6840,
7.1240

■ 101.8530, 5.0880,
6.9120

■ 77.7390, 5.4090,
6.6010

■ 55.0270, 4.5380,
5.8660

■ 33.7280, 3.9420,
5.6540

■ 10.3910, 6.5090,

8.6930

0.0000, 0.0000,
0.0000

179.5650, 5.9590,
7.6470

179.5650, 5.9590,
7.6470

167.9560, 12.4680,
16.3400

191.1740, -0.5500,
-1.0460

156.2330, 19.2980,
24.7220

202.8970, -7.3800,
-9.4280

144.6240, 25.8070,
33.4150

214.5060,
-13.8890, -18.1210

132.9010, 32.6370,
41.7970

226.2290,
-20.7190, -26.5030

121.2920, 39.1460,
50.4900

230.2070,
-23.6530, -28.3970

■ 109.5690, 45.9760,
58.8720

■ 230.7770,
-25.2580, -26.8420

■ 97.9600, 52.4850,
67.5650

■ 231.2330,
-26.5420, -25.5980

■ 86.2370, 59.3150,
75.9470

■ 231.8030,
-28.1470, -24.0430

■ 74.6280, 65.8240,
84.6400

■ 232.2590,
-29.4310, -22.7990

Harmonies

Analogous

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



178.4330, -2.4770, 6.3470



179.5650, 5.9590, 7.6470



179.7460, 12.6990, 6.6430

Triad

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



179.5650, 5.9590, 7.6470



177.1550, 9.6290, -3.8030



175.3830, -17.3760, -4.4800

Complementary

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



179.5650, 5.9590, 7.6470



183.4350, -5.9590, -7.6470

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.



174.9550, -13.2950, -6.8550



179.5650, 5.9590, 7.6470



176.2680, 1.8810, -6.5590

Square

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



179.5650, 5.9590, 7.6470



178.7150, 13.9840, -0.1280



175.4350, -5.9590, -7.6470



176.3880, -15.7720, -0.5080

Rectangle

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



179.5650, 5.9590, 7.6470



179.3610, 15.2210, 4.9890



175.4350, -5.9590, -7.6470



175.0410, -16.4130, -5.4130

Sweetspot

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



179.5650, 5.9590, 7.6470



242.7770, 2.2460, 3.3500



176.1340, -3.0730, 6.1350



121.9510, 1.6960, 2.3040



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



179.5650, 5.9590, 7.6470



230.4670, 9.3510, 12.2550



178.6530, 8.5270, 5.1590



88.4890, 3.1170, 4.0850



61.0360, 55.3270, 71.1270



11.8910, 11.0930, 13.7250

Inverse Universe

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



179.5650, 5.9590, 7.6470



230.4670, 9.3510, 12.2550



184.3470, -8.5270, -5.1590



88.4890, 3.1170, 4.0850



61.0360, 55.3270, 71.1270



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 179.5650, 5.9590, 7.6470 looks on a white background.

Color Contrast Check

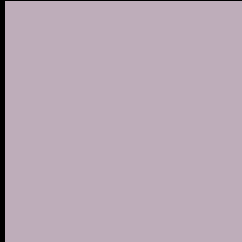
Large Text (above 18pt) WCAG AA × Fail

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 179.5650, 5.9590, 7.6470 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 179.5650, 5.9590, 7.6470

Background



This preview shows how black text looks on a background with the YIQ color 179.5650, 5.9590, 7.6470.



This preview shows how white text looks on a background with the YIQ color 179.5650, 5.9590,

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

179.5650, 5.9590, 7.6470

Protanopia

178.5530, -2.9350, 3.6330

Deuteranopia

179.8640, 6.5550, 7.8590



Tritanopia

179.5650, 5.9590, 7.6470

Trichromacy



Original Color

179.5650, 5.9590, 7.6470

Protanomaly

179.0480, 0.0450, 4.6930

Deuteranomaly

179.8640, 6.5550, 7.8590

Tritanomaly

179.5650, 5.9590, 7.6470

Monochromacy



Original Color

179.5650, 5.9590, 7.6470

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.6630, 2.5670, 3.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.5650, 5.9590, 7.6470 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(190, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 186)  
}
```

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(190, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 186) }
```

Border

The CSS property to change the border of an element to YIQ 179.5650, 5.9590, 7.6470 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(190, 173, 186) }
```


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

```
.border{ border-color:rgb(190, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 179.5650, 5.9590, 7.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 186) }
```

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

```
.background{ background-color: rgb(190,  
173, 186) }
```

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