

Converting Colors

YIQ(180.9350, 7.7930, 7.4490)

Have a look what the booklet for
YIQ(180.9350, 7.7930, 7.4490)
contains.

YIQ(180.9350, 7.7930, 7.4490)	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(180.9350, 7.7930,
7.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AEB9
RGB	193, 174, 185
RGB Percent	76%, 68%, 73%
CMY	0.2431, 0.3177, 0.2745
CMYK	0.00, 0.10, 0.04, 0.24
HSL	325°, 13%, 72%
HSV	325°, 10%, 76%
XYZ	45.8878, 45.1113, 52.1909
YIQ	180.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

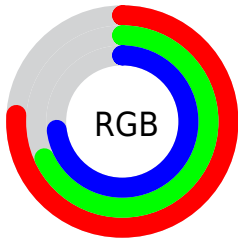
Format	Color
R_{YB}	193, 174, 185
Decimal	12693177
CIE _{Lab}	72.97, 8.77, -3.13
CIE _{LCh}	73, 9.317, 340.345
Yxy	45.1113, 0.3205, 0.3150
Android (android.graphics.Color)	4290883257 (0xFFC1AEB9)
YUV	180.9350, 2.0040, 10.5810
Hunter-Lab	67.1649, 4.4145, 0.9438

Details

The YIQ color $180.9350, 7.7930, 7.4490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $186.0650, -7.7930, -7.4490$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.3480, 8.0680, 7.9720$, and $128.2230, 6.9220, 6.7140$ is the 20% darker color. If you saturate the color by 10%, you get $168.8700, 15.5860, 14.8980$, and if you desaturate by 10%, it is $193.0000, -0.0000, -0.0000$.

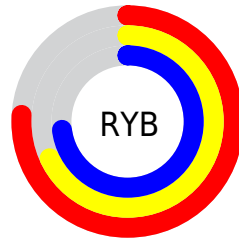
Distribution



Red (76%)

Green (68%)

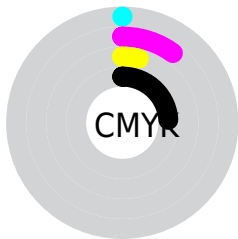
Blue (73%)



Red (76%)

Yellow (68%)

Blue (73%)

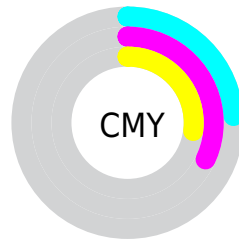


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9350, 7.7930, 7.4490 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 180.9350, 7.7930, 7.4490 by changing the saturation by 10% instead.

■ 180.9350, 7.7930,
7.4490

■ 180.9350, 7.7930,
7.4490

255.0000, -0.0000,
-0.0000

■ 153.9350, 7.7930,
7.4490

■ 236.6470, 8.6640,
8.1840

■ 128.2230, 6.9220,
6.7140

■ 103.2230, 6.9220,
6.7140

■ 78.9240, 6.3260,
6.5020

■ 55.9240, 6.3260,
6.5020

■ 34.5110, 6.0510,
5.9790

■ 11.4620, 7.7470,

8.2830

0.0000, 0.0000,
0.0000

180.9350, 7.7930,
7.4490

180.9350, 7.7930,
7.4490

168.8700, 15.5860,
14.8980

193.0000, -0.0000,
-0.0000

156.2180, 23.6540,
22.8700

205.6520, -8.0680,
-7.9720

144.1530, 31.4470,
30.3190

217.7170,
-15.8610, -15.4210

131.9740, 39.5610,
37.4570

229.8960,
-23.9750, -22.5590

119.3220, 47.6290,
45.4290

233.1560,
-27.6430, -22.1630

■ 107.2570, 55.4220,
52.8780

■ 234.0680,
-30.2110, -19.6750

■ 95.1920, 63.2150,
60.3270

■ 234.9800,
-32.7790, -17.1870

■ 83.1270, 71.0080,
67.7760

■ 235.8920,
-35.3470, -14.6990

■ 70.4750, 79.0760,
75.7480

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



180.2160, -0.3680, 6.6720



180.9350, 7.7930, 7.4490



180.5180, 13.3410, 6.0210

Triad

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



180.9350, 7.7930, 7.4490



178.2580, 7.8410, -4.4390



176.6220, -16.5510, -2.9110

Complementary

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



180.9350, 7.7930, 7.4490



186.0650, -7.7930, -7.4490

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.



176.2970, -14.2580, -5.9220



180.9350, 7.7930, 7.4490



177.4850, -0.2280, -6.8840

Square

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



180.9350, 7.7930, 7.4490



179.8890, 13.4340, -1.1740



176.7660, -8.3890, -7.6610



178.1000, -14.9010, 0.2270

Rectangle

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



180.9350, 7.7930, 7.4490



180.8340, 15.2670, 4.1550



176.7660, -8.3890, -7.6610



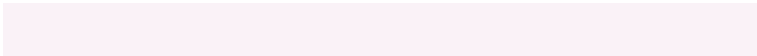
176.5680, -16.4590, -4.5790

Sweetspot

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



180.9350, 7.7930, 7.4490



244.9620, 3.1630, 3.2510



178.5580, -1.3310, 7.6050



121.8370, 2.0170, 1.9930



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.



180.9350, 7.7930, 7.4490



230.9080, 12.4230, 11.6470



179.9090, 10.6820, 4.6500



90.6740, 4.0340, 3.9860



58.7410, 66.1030, 63.0550



12.0330, 13.5690, 12.9050

Inverse Universe

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



180.9350, 7.7930, 7.4490



230.9080, 12.4230, 11.6470



187.0910, -10.6820, -4.6500



90.6740, 4.0340, 3.9860



58.7410, 66.1030, 63.0550



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 180.9350, 7.7930, 7.4490 looks on a white background.

Color Contrast Check

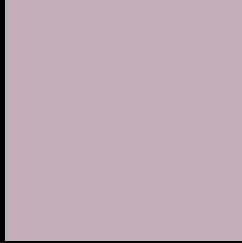
Large Text (above 18pt) WCAG AA × Fail

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 180.9350, 7.7930, 7.4490 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 180.9350, 7.7930, 7.4490

Background



This preview shows how black text looks on a background with the YIQ color 180.9350, 7.7930, 7.4490.



This preview shows how white text looks on a background with the YIQ color 180.9350, 7.7930,

7.4490.

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

180.9350, 7.7930, 7.4490

Protanopia

179.6240, -1.6970, 3.2230

Deuteranopia

181.2340, 8.3890, 7.6610



Tritanopia

181.1630, 7.1510, 8.0710

Trichromacy



Original Color

180.9350, 7.7930, 7.4490

Protanomaly

180.4180, 1.8790, 4.4950

Deuteranomaly

181.2340, 8.3890, 7.6610

Tritanomaly

181.0490, 7.4720, 7.7600

Monochromacy



Original Color

180.9350, 7.7930, 7.4490

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.5490, 2.8880, 2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9350, 7.7930, 7.4490 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(193, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 174, 185)  
}
```

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(193, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 174, 185) }
```

Border

The CSS property to change the border of an element to YIQ 180.9350, 7.7930, 7.4490 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(193, 174, 185) }
```


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

```
.border{ border-color:rgb(193, 174, 185) }
```

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

Here you see how a box with a 4 pixel rgb(193, 174, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(193, 174,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9350, 7.7930, 7.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 174, 185) }
```

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

```
.background{ background-color: rgb(193,  
174, 185) }
```

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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