

Converting Colors

YIQ(159.6980, 12.6540, 1.9500)

Have a look what the booklet for
YIQ(159.6980, 12.6540, 1.9500)
contains.

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Color

**YIQ(159.6980, 12.6540,
1.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9B95
RGB	173, 155, 149
RGB Percent	68%, 61%, 58%
CMY	0.3215, 0.3922, 0.4156
CMYK	0.00, 0.10, 0.14, 0.32
HSL	15°, 13%, 63%
HSV	15°, 14%, 68%
XYZ	34.3818, 34.4959, 33.2859
YIQ	159.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

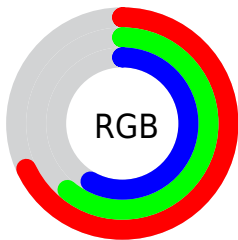
Format	Color
RYB	173, 157, 149
Decimal	11377557
CIELab	65.35, 5.59, 5.54
CIELCh	65, 7.871, 44.700
Yxy	34.4959, 0.3365, 0.3377
Android (android.graphics.Color)	4289567637 (0xFFAD9B95)
YUV	159.6980, -5.2741, 11.6659
Hunter-Lab	58.7332, 1.7089, 7.5118

Details

The YIQ color **159.6980, 12.6540, 1.9500** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162.3020, -12.6540, -1.9500**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.2960, 13.8460, 2.3740**, and **108.1000, 11.4620, 1.5260** is the 20% darker color. If you saturate the color by 10%, you get **150.1290, 21.6860, 3.4620**, and if you desaturate by 10%, it is **169.2670, 3.6220, 0.4380**.

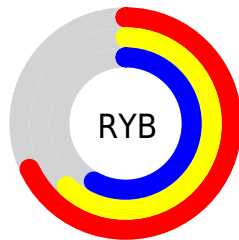
Distribution



Red (68%)

Green (61%)

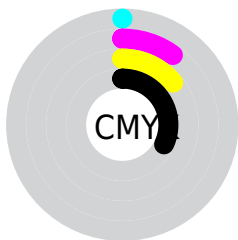
Blue (58%)



Red (68%)

Yellow (62%)

Blue (58%)

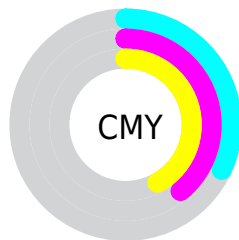


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.6980, 12.6540, 1.9500 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 159.6980, 12.6540, 1.9500 by changing the saturation by 10% instead.


 159.6980, 12.6540,
1.9500


 159.6980, 12.6540,
1.9500


255.0000, -0.0000,
-0.0000


 133.3990, 12.0580,
1.7380

 214.2960, 13.8460,
2.3740


 108.1000, 11.4620,
1.5260

 242.2850, 12.3790,
1.4270

 84.2140, 11.1410,
1.8370

 60.9150, 10.5450,
1.6250

 38.7300, 9.6280,
1.7240

 17.5730, 11.5080,
0.6920

 0.0000, 0.0000,

0.0000

■ 159.6980, 12.6540,
1.9500

■ 159.6980, 12.6540,
1.9500

■ 150.1290, 21.6860,
3.4620

■ 169.2670, 3.6220,
0.4380

■ 140.4460, 31.0390,
4.6630

■ 178.9500, -5.7310,
-0.7630

■ 130.8770, 40.0710,
6.1750

■ 188.5190,
-14.7630, -2.2750

■ 121.3080, 49.1030,
7.6870

■ 198.0880,
-23.7950, -3.7870

■ 111.7390, 58.1350,
9.1990

■ 207.7710,
-33.1480, -4.9880

■ 102.0560, 67.4880,
10.4000

■ 217.3400,
-42.1800, -6.5000

■ 92.4870, 76.5200,
11.9120

■ 225.1990,
-46.3970, -12.6770

■ 82.9180, 85.5520,
13.4240

■ 230.4820,
-48.8720, -17.3840

■ 76.9680, 91.2830,
14.1870

Harmonies

Analogous

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



160.0940, 11.5990, 4.5510



159.6980, 12.6540, 1.9500



158.9210, 10.4080, -1.4000

Triad

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



159.6980, 12.6540, 1.9500



157.0050, -7.5640, -6.0920



158.9980, -5.6860, 3.9300

Complementary

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



159.6980, 12.6540, 1.9500



162.3020, -12.6540, -1.9500

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.



157.7800, -11.0040, 1.1880



159.6980, 12.6540, 1.9500



156.6070, -12.1950, -4.7630

Square

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



159.6980, 12.6540, 1.9500



157.2400, -0.9160, -5.4280



156.7040, -13.8460, -2.3740



159.8740, 0.5950, 5.7390

Rectangle

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



159.6980, 12.6540, 1.9500



158.3120, 7.7490, -2.7710



156.7040, -13.8460, -2.3740



158.8020, -8.0700, 3.0820

Sweetspot

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



159.6980, 12.6540, 1.9500



219.4520, 4.5390, 0.3390



158.2280, 8.5260, 10.6860



109.0820, 2.7050, 0.5370



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



159.6980, 12.6540, 1.9500



203.2320, 19.8980, 2.8260



166.7420, 9.3540, -4.3260



81.8650, 4.8140, 0.8620



67.1560, 78.9500, 11.9260



10.3990, 12.0580, 1.7380

Inverse Universe

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



162.3020, -12.6540, -1.9500



207.3550, -20.1730, -3.3490



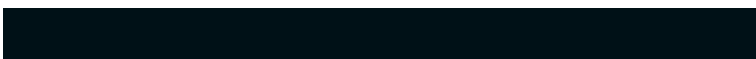
155.2580, -9.3540, 4.3260



83.1350, -4.8140, -0.8620



83.4310, -79.2250, -12.4490



12.6010, -12.0580, -1.7380

Previews

White Background



This preview shows how the YIQ color 159.6980, 12.6540, 1.9500 looks on a white background.

Color Contrast Check

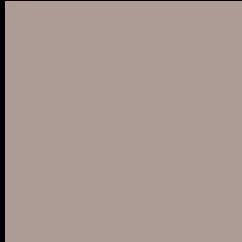
Large Text (above 18pt) WCAG AA × Fail

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 159.6980, 12.6540, 1.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

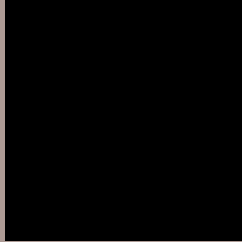
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.6980, 12.6540, 1.9500

Background



This preview shows how black text looks on a background with the YIQ color 159.6980, 12.6540, 1.9500.



This preview shows how white text looks on a background with the YIQ color 159.6980, 12.6540,

1.9500.

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

159.6980, 12.6540, 1.9500

Protanopia

158.6970, 5.2270, -1.1170

Deuteranopia

160.0190, 16.1840, 4.0560



Tritanopia

160.9460, 9.2600, 8.3960

Trichromacy



Original Color

159.6980, 12.6540, 1.9500

Protanomaly

159.1920, 8.2070, -0.0570

Deuteranomaly

160.0080, 14.7170, 3.1090

Tritanomaly

160.5500, 10.3150, 5.7950

Monochromacy



Original Color

159.6980, 12.6540, 1.9500

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8650, 4.8140, 0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.6980, 12.6540, 1.9500 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(173, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(173, 155, 149)  
}
```

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(173, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 155, 149) }
```

Border

The CSS property to change the border of an element to YIQ 159.6980, 12.6540, 1.9500 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(173, 155, 149) }
```


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

```
.border{ border-color:rgb(173, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 155,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 159.6980, 12.6540, 1.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 155, 149) }
```

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

```
.background{ background-color: rgb(173,  
155, 149) }
```

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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