

Converting Colors

YIQ(175.3980, 4.6310, -1.3290)

Have a look what the booklet for
YIQ(175.3980, 4.6310, -1.3290)
contains.

YIQ(175.3980, 4.6310, -1.3290)	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(175.3980, 4.6310,
-1.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AFA8
RGB	179, 175, 168
RGB Percent	70%, 69%, 66%
CMY	0.2980, 0.3137, 0.3411
CMYK	0.00, 0.02, 0.06, 0.30
HSL	38°, 7%, 68%
HSV	38°, 6%, 70%
XYZ	40.9888, 43.0705, 43.2019
YIQ	175.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

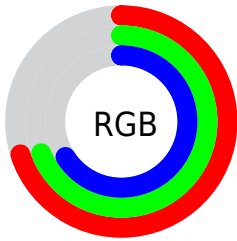
Format	Color
RYB	174, 179, 168
Decimal	11775912
CIELab	71.60, 0.16, 4.08
CIELCh	72, 4.078, 87.773
Yxy	43.0705, 0.3221, 0.3384
Android (android.graphics.Color)	4289965992 (0xFFB3AFA8)
YUV	175.3980, -3.6472, 3.1590
Hunter-Lab	65.6281, -3.3650, 6.9101

Details

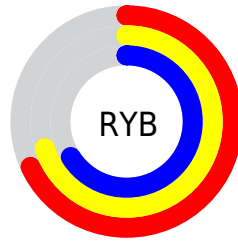
The YIQ color **175.3980, 4.6310, -1.3290** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171.6020, -4.6310, 1.3290**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.6970, 5.2270, -1.1170**, and **123.0990, 4.0350, -1.5410** is the 20% darker color. If you saturate the color by 10%, you get **169.2370, 12.3340, -3.2660**, and if you desaturate by 10%, it is **181.5590, -3.0720, 0.6080**.

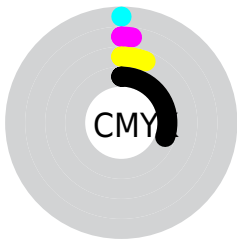
Distribution



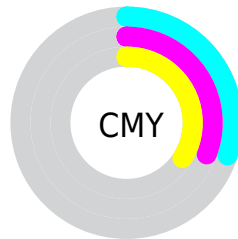
- Red (70%)
- Green (69%)
- Blue (66%)



- Red (68%)
- Yellow (70%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3980, 4.6310, -1.3290 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 175.3980, 4.6310, -1.3290 by changing the saturation by 10% instead.

■ 175.3980, 4.6310,
-1.3290

■ 175.3980, 4.6310,
-1.3290

255.0000, -0.0000,
-0.0000

■ 148.5120, 4.3100,
-1.0180

■ 230.6970, 5.2270,
-1.1170

■ 123.0990, 4.0350,
-1.5410

254.6580, 0.9630,
-0.9330

■ 98.0990, 4.0350,
-1.5410

■ 74.2130, 3.7140,
-1.2300

■ 51.6260, 3.9890,
-0.7070

■ 30.3270, 3.3930,
-0.9190

■ 5.6260, 3.9890,

-0.7070

■ 0.0000, 0.0000,
0.0000

■ 175.3980, 4.6310,
-1.3290

■ 175.3980, 4.6310,
-1.3290

■ 169.2370, 12.3340,
-3.2660

■ 181.5590, -3.0720,
0.6080

■ 163.6630, 19.7620,
-5.7260

■ 187.1330,
-10.5000, 3.0680

■ 157.5020, 27.4650,
-7.6630

■ 193.2940,
-18.2030, 5.0050

■ 151.9280, 34.8930,
-10.1230

■ 198.8680,
-25.6310, 7.4650

■ 145.8810, 42.2750,
-11.7490

■ 204.6870,
-32.3710, 8.4690

■ 140.3070, 49.7030,
-14.2090

■ 208.2090,
-34.0210, 5.3310

■ 134.1460, 57.4060,
-16.1460

■ 212.3180,
-35.9460, 1.6700

■ 128.5720, 64.8340,
-18.6060

■ 215.8400,
-37.5960, -1.4680

■ 122.4110, 72.5370,
-20.5430

■ 219.9490,
-39.5210, -5.1290

Harmonies

Analogous

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



175.8220, 6.3730, 0.1410



175.3980, 4.6310, -1.3290



174.9030, 1.6510, -2.3890

Triad

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



175.3980, 4.6310, -1.3290



174.8250, -6.8770, -2.0210



176.3640, 1.9710, 2.8270

Complementary

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



175.3980, 4.6310, -1.3290



171.6020, -4.6310, 1.3290

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.



176.0970, -1.6510, 2.3890



175.3980, 4.6310, -1.3290



174.8790, -6.9690, -0.3530

Square

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



175.3980, 4.6310, -1.3290



174.3690, -5.5930, -3.2650



175.3030, -5.2270, 1.1170



176.3320, 4.9970, 3.0530

Rectangle

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



175.3980, 4.6310, -1.3290



174.7070, -0.7330, -3.2370



175.3030, -5.2270, 1.1170



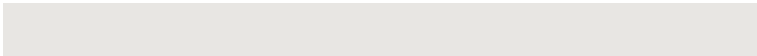
176.1790, 1.0540, 2.9260

Sweetspot

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



175.3980, 4.6310, -1.3290



230.2560, 2.1550, -0.5090



171.7450, 5.2720, 3.5760



116.1850, 0.9170, -0.0990



245.0000, -0.0000, 0.0000



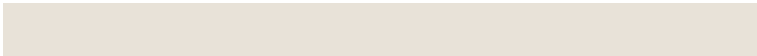
117.0000, -0.0000, 0.0000

Same Dimension

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



175.3980, 4.6310, -1.3290



226.6540, 6.7860, -1.8380



177.4470, 2.9350, -3.6330



87.0280, 2.7970, -1.1310



102.6860, 64.5130, -18.2950



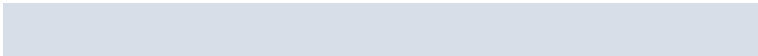
17.1660, 11.0960, -2.8560

Inverse Universe

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



171.6020, -4.6310, 1.3290



221.3460, -6.7860, 1.8380



169.5530, -2.9350, 3.6330



84.5590, -3.0720, 0.6080



50.3140, -64.5130, 18.2950



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 175.3980, 4.6310, -1.3290 looks on a white background.

Color Contrast Check

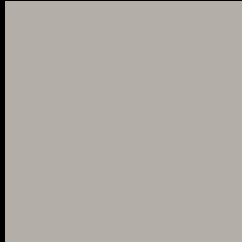
Large Text (above 18pt) WCAG AA × Fail

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 175.3980, 4.6310, -1.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

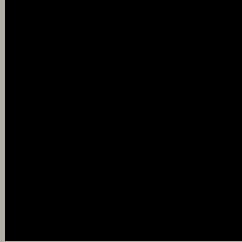
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

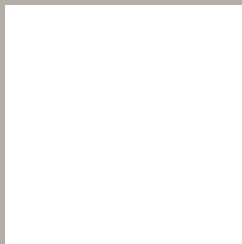
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.3980, 4.6310, -1.3290

Background



This preview shows how black text looks on a background with the YIQ color 175.3980, 4.6310, -1.3290.



This preview shows how white text looks on a background with the YIQ color 175.3980, 4.6310,

-1.3290.

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

175.3980, 4.6310, -1.3290

Protanopia

175.6970, 5.2270, -1.1170

Deuteranopia

176.7740, 15.4960, 5.5120



Tritanopia

176.5860, 1.4660, 6.4740

Trichromacy



Original Color

175.3980, 4.6310, -1.3290

Protanomaly

175.6970, 5.2270, -1.1170

Deuteranomaly

176.1540, 11.3700, 3.1940

Tritanomaly

176.0760, 2.8420, 3.5620

Monochromacy



Original Color

175.3980, 4.6310, -1.3290

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3980, 4.6310, -1.3290 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(179, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 168)  
}
```

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(179, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 168) }
```

Border

The CSS property to change the border of an element to YIQ 175.3980, 4.6310, -1.3290 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(179, 175, 168) }
```


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

```
.border{ border-color:rgb(179, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3980, 4.6310, -1.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 168) }
```

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

```
.background{ background-color: rgb(179,  
175, 168) }
```

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