

Converting Colors

YIQ(174.8180, -4.9990, 8.0010)

Have a look what the booklet for
YIQ(174.8180, -4.9990, 8.0010)
contains.

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Color

**YIQ(174.8180, -4.9990,
8.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	AFABC2
RGB	175, 171, 194
RGB Percent	69%, 67%, 76%
CMY	0.3137, 0.3294, 0.2392
CMYK	0.10, 0.12, 0.00, 0.24
HSL	250°, 16%, 72%
HSV	250°, 12%, 76%
XYZ	41.9797, 42.1345, 56.9535
YIQ	174.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

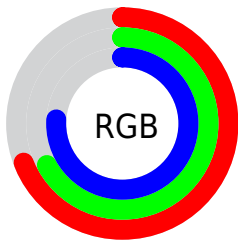
Format	Color
RYB	175, 171, 194
Decimal	11512770
CIELab	70.96, 5.93, -11.21
CIELCh	71, 12.682, 297.898
Yxy	42.1345, 0.2976, 0.2987
Android (android.graphics.Color)	4289702850 (0xFFAFABC2)
YUV	174.8180, 9.4567, 0.1596
Hunter-Lab	64.9111, 1.8462, -6.5837

Details

The YIQ color $174.8180, -4.9990, 8.0010$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $190.1820, 4.9990, -8.0010$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.3450, -5.0450, 8.8350$, and $122.2910, -4.9530, 7.1670$ is the 20% darker color. If you saturate the color by 10%, you get $158.8810, -9.3100, 14.5460$, and if you desaturate by 10%, it is $190.7550, -0.6880, 1.4560$.

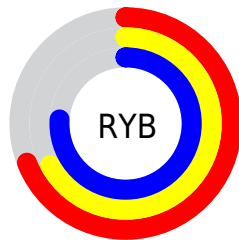
Distribution



Red (69%)

Green (67%)

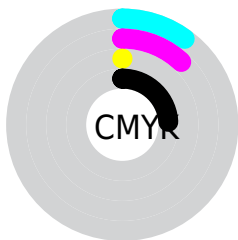
Blue (76%)



Red (69%)

Yellow (67%)

Blue (76%)

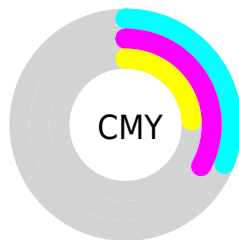


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8180, -4.9990, 8.0010 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 174.8180, -4.9990, 8.0010 by changing the saturation by 10% instead.

■ 174.8180, -4.9990,
8.0010

■ 174.8180, -4.9990,
8.0010

255.0000, -0.0000,
-0.0000

■ 148.4050, -5.2740,
7.4780

■ 230.2310, -4.7240,
8.5240

■ 122.2910, -4.9530,
7.1670

■ 97.5900, -4.3570,
7.3790

■ 74.0630, -4.3110,
6.5450

■ 51.0630, -4.3110,
6.5450

■ 29.6500, -4.5860,
6.0220

■ 4.6440, -4.4490,

9.0470

0.0000, 0.0000,
0.0000

174.8180, -4.9990,
8.0010

174.8180, -4.9990,
8.0010

158.8810, -9.3100,
14.5460

190.7550, -0.6880,
1.4560

142.3570,
-13.3460, 21.6140

207.2790, 3.3480,
-5.6120

126.4200,
-17.6570, 28.1590

223.2160, 7.6590,
-12.1570

109.8960,
-21.6930, 35.2270

239.7400, 11.6950,
-19.2250

93.9590, -26.0040,
41.7720

248.0460, 19.5810,
-18.9710

■ 78.0220, -30.3150,
48.3170

■ 61.4980, -34.3510,
55.3850

■ 45.5610, -38.6620,
61.9300

■ 32.2820, -42.0100,
67.5420

Harmonies

Analogous

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



172.9090, -15.6810, 3.3510



174.8180, -4.9990, 8.0010



176.0320, 6.1420, 9.8380

Triad

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



174.8180, -4.9990, 8.0010



174.8790, 19.3940, 0.9460



170.1070, -16.7790, -9.7950

Complementary

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



174.8180, -4.9990, 8.0010



190.1820, 4.9990, -8.0010

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.



170.6690, -6.7380, -10.0500



174.8180, -4.9990, 8.0010



173.7810, 13.6180, -4.5100

Square

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



174.8180, -4.9990, 8.0010



175.2260, 20.0350, 5.8510



171.8830, 4.4030, -8.2130



169.6920, -22.7400, -6.3880

Rectangle

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



174.8180, -4.9990, 8.0010



175.8540, 12.5150, 9.9790



171.8830, 4.4030, -8.2130



169.9610, -13.4320, -9.8800

Sweetspot

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



174.8180, -4.9990, 8.0010



243.7380, -2.0180, 3.5340



184.7750, -12.6080, -2.7840



122.0970, -1.6510, 2.3890



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



174.8180, -4.9990, 8.0010



222.7840, -7.6590, 12.1570



178.1070, 1.5570, 10.3330



88.7380, -2.0180, 3.5340



26.7260, -34.9930, 56.0070



5.5560, -7.0170, 11.5350

Inverse Universe

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



180.0430, 7.6090, 10.7850



230.7710, 11.5510, 16.4390



186.8930, -1.5570, -10.3330



90.9020, 3.3920, 4.6080



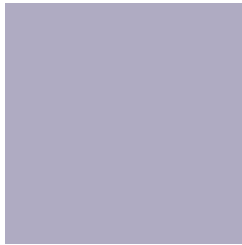
63.3010, 53.2630, 75.4950



12.9450, 11.0010, 15.3930

Previews

White Background



This preview shows how the YIQ color 174.8180, -4.9990, 8.0010 looks on a white background.

Color Contrast Check

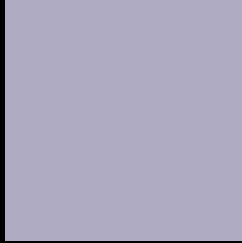
Large Text (above 18pt) WCAG AA × Fail

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 174.8180, -4.9990, 8.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

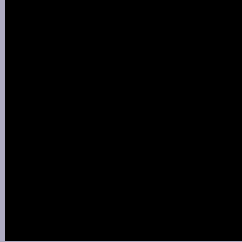
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8180, -4.9990, 8.0010

Background



This preview shows how black text looks on a background with the YIQ color 174.8180, -4.9990, 8.0010.



This preview shows how white text looks on a background with the YIQ color 174.8180, -4.9990,

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

174.8180, -4.9990, 8.0010

Protanopia

174.0240, -8.5750, 6.7290

Deuteranopia

175.4380, -0.8730, 10.3190



Tritanopia

174.1940, -3.3020, 4.7780

Trichromacy



Original Color

174.8180, -4.9990, 8.0010

Protanomaly

174.6220, -7.3830, 7.1530

Deuteranomaly

175.4270, -2.3400, 9.3720

Tritanomaly

174.5360, -4.2650, 5.7110

Monochromacy



Original Color

174.8180, -4.9990, 8.0010

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8180, -4.9990, 8.0010 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(175, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 194)  
}
```

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(175, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 194) }
```

Border

The CSS property to change the border of an element to YIQ 174.8180, -4.9990, 8.0010 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(175, 171, 194) }
```


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

```
.border{ border-color:rgb(175, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8180, -4.9990, 8.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 194) }
```

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

```
.background{ background-color: rgb(175,  
171, 194) }
```

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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