

Converting Colors

YIQ(178.6950, -0.4590, 2.8130)

Have a look what the booklet for
YIQ(178.6950, -0.4590, 2.8130)
contains.

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Color

**YIQ(178.6950, -0.4590,
2.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B1B8
RGB	180, 177, 184
RGB Percent	71%, 69%, 72%
CMY	0.2941, 0.3059, 0.2784
CMYK	0.02, 0.04, 0.00, 0.28
HSL	266°, 5%, 71%
HSV	266°, 4%, 72%
XYZ	43.1965, 44.6081, 51.6799
YIQ	178.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

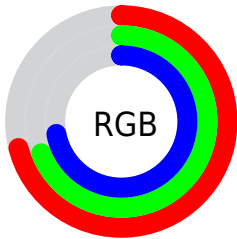
Format	Color
R_{YB}	180, 177, 184
Decimal	11841976
CIE Lab	72.63, 2.38, -3.19
CIE LCh	73, 3.984, 306.713
Yxy	44.6081, 0.3097, 0.3198
Android (android.graphics.Color)	4290032056 (0xFFB4B1B8)
YUV	178.6950, 2.6154, 1.1445
Hunter-Lab	66.7893, -1.4349, 0.8753

Details

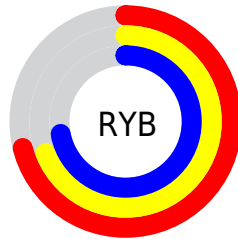
The YIQ color $178.6950, -0.4590, 2.8130$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $182.3050, 0.4590, -2.8130$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.6950, -0.4590, 2.8130$, and $125.6950, -0.4590, 2.8130$ is the 20% darker color. If you saturate the color by 10%, you get $164.8400, -2.0650, 9.8950$, and if you desaturate by 10%, it is $192.5500, 1.1470, -4.2690$.

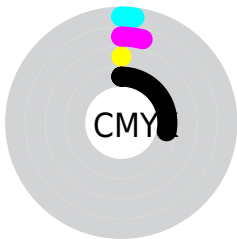
Distribution



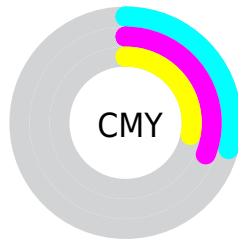
- Red (71%)
- Green (69%)
- Blue (72%)



- Red (71%)
- Yellow (69%)
- Blue (72%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6950, -0.4590, 2.8130 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 178.6950, -0.4590, 2.8130 by changing the saturation by 10% instead.

■ 178.6950, -0.4590,
2.8130

■ 178.6950, -0.4590,
2.8130

■ 255.0000, -0.0000,
-0.0000

■ 151.6950, -0.4590,
2.8130

■ 234.6950, -0.4590,
2.8130

■ 125.6950, -0.4590,
2.8130

■ 101.2820, -0.7340,
2.2900

■ 77.2820, -0.7340,
2.2900

■ 54.2820, -0.7340,
2.2900

■ 33.1680, -0.4130,
1.9790

■ 10.1080, -0.1840,

3.3360

0.0000, 0.0000,
0.0000

178.6950, -0.4590,
2.8130

178.6950, -0.4590,
2.8130

164.8400, -2.0650,
9.8950

192.5500, 1.1470,
-4.2690

150.6970, -2.8000,
17.7120

206.6930, 1.8820,
-12.0860

136.8420, -4.4060,
24.7940

220.5480, 3.4880,
-19.1680

122.6990, -5.1410,
32.6110

234.6910, 4.2230,
-26.9850

108.8440, -6.7470,
39.6930

240.3280, 9.6790,
-26.7450

■ 95.2880, -7.7570,
46.9870

■ 243.3180, 15.6390,
-24.6250

■ 80.8460, -9.0880,
54.5920

■ 246.6070, 22.1950,
-22.2930

■ 67.2900, -10.0980,
61.8860

■ 246.9060, 22.7910,
-22.0810

■ 52.8480, -11.4290,
69.4910

Harmonies

Analogous

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



178.2000, -3.4390, 1.7530



178.6950, -0.4590, 2.8130



178.9620, 3.1630, 3.2510

Triad

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



178.6950, -0.4590, 2.8130



178.5230, 5.7770, -0.0710



176.8960, -5.6390, -2.4310

Complementary

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



178.6950, -0.4590, 2.8130



182.3050, 0.4590, -2.8130

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.



177.0380, -3.1630, -3.2510



178.6950, -0.4590, 2.8130



178.0990, 4.0350, -1.5410

Square

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



178.6950, -0.4590, 2.8130



178.7620, 6.6020, 1.4980



177.3050, 0.4590, -2.8130



177.2380, -6.6020, -1.4980

Rectangle

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



178.6950, -0.4590, 2.8130



179.3320, 4.9970, 3.0530



177.3050, 0.4590, -2.8130



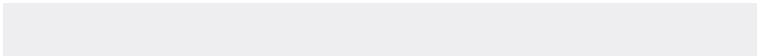
177.0810, -4.7220, -2.5300

Sweetspot

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



178.6950, -0.4590, 2.8130



237.6410, -0.3670, 1.1450



180.1460, -3.3470, 0.0850



119.1140, -0.3210, 0.3110



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



178.6950, -0.4590, 2.8130



230.8630, -0.8720, 4.7920



179.5920, 1.3290, 3.4490



87.5810, -0.1380, 2.5020



37.8170, -10.1440, 62.7200



6.7800, -1.8360, 11.2520

Inverse Universe

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



179.5490, 2.8880, 2.7280



232.3860, 4.9050, 4.7210



181.4080, -1.3290, -3.4490



88.1360, 2.6130, 2.2050



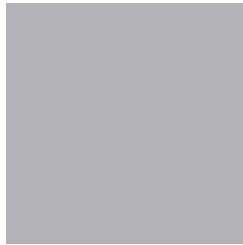
56.7900, 64.4070, 60.7510



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 178.6950, -0.4590, 2.8130 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 178.6950, -0.4590, 2.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

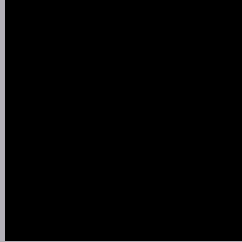
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.6950, -0.4590, 2.8130

Background



This preview shows how black text looks on a background with the YIQ color 178.6950, -0.4590, 2.8130.



This preview shows how white text looks on a background with the YIQ color 178.6950, -0.4590,

2.8130.

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

178.6950, -0.4590, 2.8130

Protanopia

178.6950, -0.4590, 2.8130

Deuteranopia

180.0490, 7.4720, 7.7600



Tritanopia

179.0910, -1.5140, 5.4140

Trichromacy



Original Color

178.6950, -0.4590, 2.8130

Protanomaly

178.6950, -0.4590, 2.8130

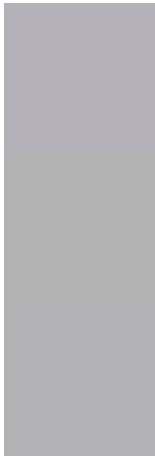
Deuteranomaly

179.4400, 4.8130, 6.3890

Tritanomaly

178.8630, -0.8720, 4.7920

Monochromacy



Original Color

178.6950, -0.4590, 2.8130

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.6410, -0.3670, 1.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6950, -0.4590, 2.8130 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(180, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 184)  
}
```

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(180, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 184) }
```

Border

The CSS property to change the border of an element to YIQ 178.6950, -0.4590, 2.8130 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(180, 177, 184) }
```


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

```
.border{ border-color:rgb(180, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6950, -0.4590, 2.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 184) }
```

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

```
.background{ background-color: rgb(180,  
177, 184) }
```

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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