

Converting Colors

YIQ(178.1960, 2.3840, 0.8480)

Have a look what the booklet for
YIQ(178.1960, 2.3840, 0.8480)
contains.

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Color

**YIQ(178.1960, 2.3840,
0.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1B1
RGB	181, 177, 177
RGB Percent	71%, 69%, 69%
CMY	0.2902, 0.3059, 0.3059
CMYK	0.00, 0.02, 0.02, 0.29
HSL	360°, 3%, 70%
HSV	360°, 2%, 71%
XYZ	42.7145, 44.4421, 47.9231
YIQ	178.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

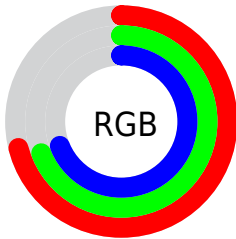
Format	Color
RYB	181, 177, 177
Decimal	11907505
CIELab	72.52, 1.42, 0.49
CIElCh	73, 1.504, 19.112
Yxy	44.4421, 0.3162, 0.3290
Android (android.graphics.Color)	4290097585 (0xFFB5B1B1)
YUV	178.1960, -0.5896, 2.4591
Hunter-Lab	66.6649, -2.2925, 4.0439

Details

The YIQ color `178.1960, 2.3840, 0.8480` is a light color, and the websafe version is hex `999999`. A complement of this color would be `179.8040, -2.3840, -0.8480`, and the grayscale version is `178.0000, -0.0000, -0.0000`.

A 20% lighter version of the original color is `234.1960, 2.3840, 0.8480`, and `125.1960, 2.3840, 0.8480` is the 20% darker color. If you saturate the color by 10%, you get `165.5780, 13.1120, 4.6640`, and if you desaturate by 10%, it is `190.8140, -8.3440, -2.9680`.

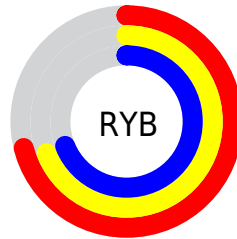
Distribution



Red (71%)

Green (69%)

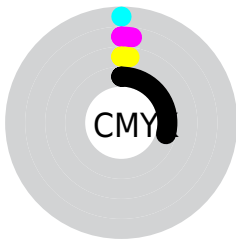
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

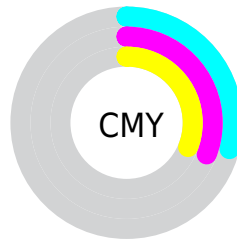


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1960, 2.3840, 0.8480 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 178.1960, 2.3840, 0.8480 by changing the saturation by 10% instead.

■ 178.1960, 2.3840,
0.8480

■ 178.1960, 2.3840,
0.8480

255.0000, -0.0000,
-0.0000

■ 151.1960, 2.3840,
0.8480

■ 234.1960, 2.3840,
0.8480

■ 125.1960, 2.3840,
0.8480

■ 100.8970, 1.7880,
0.6360

■ 76.8970, 1.7880,
0.6360

■ 53.8970, 1.7880,
0.6360

■ 32.8970, 1.7880,
0.6360

■ 9.4950, 2.9800,

1.0600

■ 0.0000, 0.0000,
0.0000

■ 178.1960, 2.3840,
0.8480

■ 178.1960, 2.3840,
0.8480

■ 165.5780, 13.1120,
4.6640

■ 190.8140, -8.3440,
-2.9680

■ 152.9600, 23.8400,
8.4800

■ 203.4320,
-19.0720, -6.7840

■ 140.3420, 34.5680,
12.2960

■ 216.0500,
-29.8000, -10.6000

■ 127.7240, 45.2960,
16.1120

■ 228.6680,
-40.5280, -14.4160

■ 115.1060, 56.0240,
19.9280

■ 232.8740,
-44.1040, -15.6880

■ 101.7870, 67.3480,
23.9560

■ 89.1690, 78.0760,
27.7720

■ 76.5510, 88.8040,
31.5880

■ 63.9330, 99.5320,
35.4040

Harmonies

Analogous

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



178.0110, 1.4670, 0.9470



178.1960, 2.3840, 0.8480



178.0820, 2.7050, 0.5370

Triad

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



178.1960, 2.3840, 0.8480



177.1740, -0.5500, -1.0460



177.7440, -2.1550, 0.5090

Complementary

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



178.1960, 2.3840, 0.8480



179.8040, -2.3840, -0.8480

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.



177.9180, -2.7050, -0.5370



178.1960, 2.3840, 0.8480



177.5760, -1.7420, -1.4700

Square

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



178.1960, 2.3840, 0.8480



177.6580, 0.9630, -0.9330



177.8040, -2.3840, -0.8480



178.2280, -0.6420, 0.6220

Rectangle

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



178.1960, 2.3840, 0.8480



177.6690, 2.4300, 0.0140



177.8040, -2.3840, -0.8480



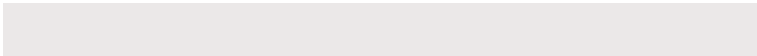
177.6300, -1.8340, 0.1980

Sweetspot

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



178.1960, 2.3840, 0.8480



232.8970, 1.7880, 0.6360



178.6520, 1.1000, 2.0920



116.2990, 0.5960, 0.2120



245.0000, -0.0000, 0.0000



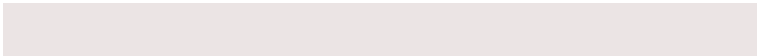
117.0000, -0.0000, 0.0000

Same Dimension

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



178.1960, 2.3840, 0.8480



230.0930, 4.1720, 1.4840



179.3700, 1.8340, -0.1980



86.8970, 1.7880, 0.6360



45.7470, 91.1880, 32.4360



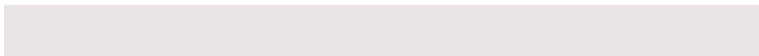
7.7740, 15.4960, 5.5120

Inverse Universe

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



178.1960, 2.3840, 0.8480



230.0930, 4.1720, 1.4840



178.6300, -1.8340, 0.1980



86.8970, 1.7880, 0.6360



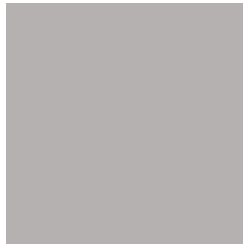
45.7470, 91.1880, 32.4360



7.7740, 15.4960, 5.5120

Previews

White Background



This preview shows how the YIQ color 178.1960, 2.3840, 0.8480 looks on a white background.

Color Contrast Check

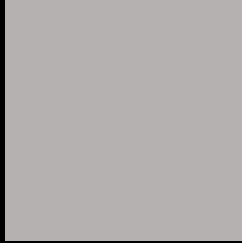
Large Text (above 18pt) WCAG AA × Fail

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 178.1960, 2.3840, 0.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

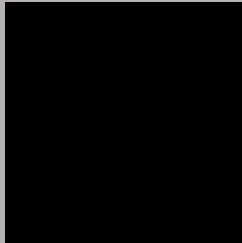
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

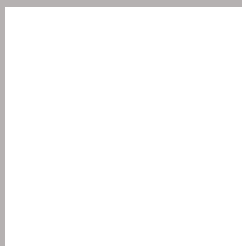
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 178.1960, 2.3840, 0.8480

Background



This preview shows how black text looks on a background with the YIQ color 178.1960, 2.3840, 0.8480.



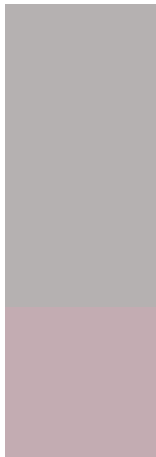
This preview shows how white text looks on a background with the YIQ color 178.1960, 2.3840,

0.8480.

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

178.1960, 2.3840, 0.8480

Protanopia

178.1960, 2.3840, 0.8480

Deuteranopia

179.5610, 11.7820, 6.7420



Tritanopia

178.9880, 0.2740, 6.0500

Trichromacy



Original Color

178.1960, 2.3840, 0.8480

Protanomaly

178.1960, 2.3840, 0.8480

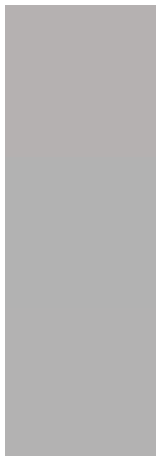
Deuteranomaly

179.2400, 8.2520, 4.6360

Tritanomaly

178.8200, 0.6870, 4.0710

Monochromacy



Original Color

178.1960, 2.3840, 0.8480

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.2990, 0.5960, 0.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1960, 2.3840, 0.8480 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(181, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 177)  
}
```

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(181, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 177) }
```

Border

The CSS property to change the border of an element to YIQ 178.1960, 2.3840, 0.8480 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(181, 177, 177) }
```


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

```
.border{ border-color:rgb(181, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1960, 2.3840, 0.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 177) }
```

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

```
.background{ background-color: rgb(181,  
177, 177) }
```

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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