

Converting Colors

YIQ(80.3480, -1.1000, -2.0920)

Have a look what the booklet for
YIQ(80.3480, -1.1000, -2.0920)
contains.

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Color

**YIQ(80.3480, -1.1000,
-2.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	4E524E
RGB	78, 82, 78
RGB Percent	31%, 32%, 31%
CMY	0.6941, 0.6784, 0.6941
CMYK	0.05, 0.00, 0.05, 0.68
HSL	120°, 3%, 31%
HSV	120°, 5%, 32%
XYZ	7.5342, 8.2045, 8.3942
YIQ	80.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

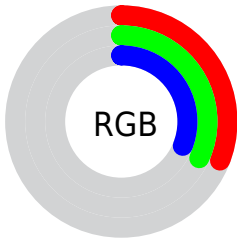
Format	Color
RYB	78, 82, 82
Decimal	5132878
CIELab	34.41, -2.48, 1.78
CIElCh	34, 3.055, 144.253
Yxy	8.2045, 0.3122, 0.3400
Android (android.graphics.Color)	4283322958 (0xFF4E524E)
YUV	80.3480, -1.1576, -2.0592
Hunter-Lab	28.6434, -3.1745, 2.6750

Details

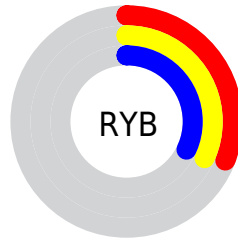
The YIQ color **80.3480, -1.1000, -2.0920** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.6520, 1.1000, 2.0920**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **129.3480, -1.1000, -2.0920**, and **35.7610, -0.8250, -1.5690** is the 20% darker color. If you saturate the color by 10%, you get **77.0440, -3.3000, -6.2760**, and if you desaturate by 10%, it is **83.6520, 1.1000, 2.0920**.

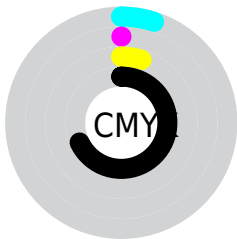
Distribution



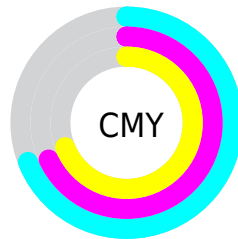
- Red (31%)
- Green (32%)
- Blue (31%)



- Red (31%)
- Yellow (32%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (68%)



- Cyan (69%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.3480, -1.1000, -2.0920 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 80.3480, -1.1000, -2.0920 by changing the saturation by 10% instead.

■ 80.3480, -1.1000,
-2.0920

■ 80.3480, -1.1000,
-2.0920

■ 255.0000, -0.0000,
-0.0000

■ 57.3480, -1.1000,
-2.0920

■ 129.3480, -1.1000,
-2.0920

■ 35.7610, -0.8250,
-1.5690

■ 155.3480, -1.1000,
-2.0920

■ 14.9350, -1.3750,
-2.6150

■ 182.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 209.9350, -1.3750,
-2.6150

■ 237.9350, -1.3750,
-2.6150

■ 80.3480, -1.1000,
-2.0920

■ 80.3480, -1.1000,
-2.0920

■ 77.0440, -3.3000,
-6.2760

■ 83.6520, 1.1000,
2.0920

■ 73.7400, -5.5000,
-10.4600

■ 86.9560, 3.3000,
6.2760

■ 70.0230, -7.9750,
-15.1670

■ 90.6730, 5.7750,
10.9830

■ 66.7190, -10.1750,
-19.3510

■ 93.9770, 7.9750,
15.1670

■ 63.4150, -12.3750,
-23.5350

■ 97.2810, 10.1750,
19.3510

■ 60.1110, -14.5750,
-27.7190

■ 100.5850, 12.3750,
23.5350

■ 56.8070, -16.7750,
-31.9030

■ 103.8890, 14.5750,
27.7190

■ 53.0900, -19.2500,

■ 107.6060, 17.0500,

-36.6100

32.4260

■ 49.7860, -21.4500,
-40.7940

■ 110.9100, 19.2500,
36.6100

Harmonies

Analogous

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



80.4300, 1.6050, -1.5550



80.3480, -1.1000, -2.0920



79.9780, -2.9340, -1.8940

Triad

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



80.3480, -1.1000, -2.0920



80.6730, -3.3930, 0.9190



81.0930, 4.1720, 1.4840

Complementary

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



80.3480, -1.1000, -2.0920



79.6520, 1.1000, 2.0920

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.



81.3210, 3.5300, 2.1060



80.3480, -1.1000, -2.0920



80.8690, -1.0090, 1.7670

Square

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



80.3480, -1.1000, -2.0920



80.5480, -4.5390, -0.3390



81.6520, 1.1000, 2.0920



81.4520, 4.5390, 0.3390

Rectangle

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



80.3480, -1.1000, -2.0920



79.9070, -4.1720, -1.4840



81.6520, 1.1000, 2.0920



81.2070, 3.8510, 1.7950

Sweetspot

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



80.3480, -1.1000, -2.0920



106.5870, -0.2750, -0.5230



81.5440, 1.2840, -1.2440



53.5870, -0.2750, -0.5230



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



80.3480, -1.1000, -2.0920



104.5220, -1.6500, -3.1380



80.5760, -1.7420, -1.4700



39.7610, -0.8250, -1.5690



61.6350, -28.8750, -54.9150



136.1840, -63.8000, -121.3360

Inverse Universe

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



79.6520, 1.1000, 2.0920



103.4780, 1.6500, 3.1380



79.4240, 1.7420, 1.4700



39.2390, 0.8250, 1.5690



43.2510, 29.1960, 54.6040



95.8160, 63.8000, 121.3360

Previews

White Background



This preview shows how the YIQ color 80.3480, -1.1000, -2.0920 looks on a white background.

Color Contrast Check

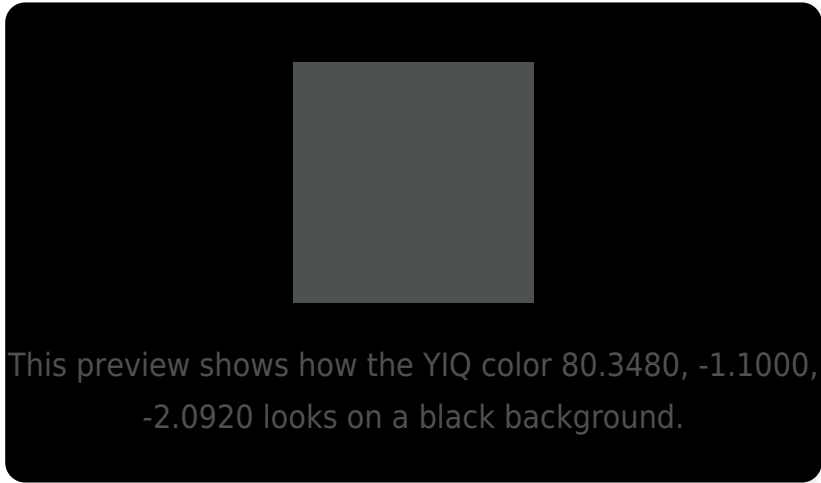
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

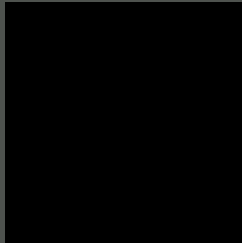
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.3480, -1.1000, -2.0920

Background



This preview shows how black text looks on a background with the YIQ color 80.3480, -1.1000, -2.0920.



This preview shows how white text looks on a background with the YIQ color 80.3480, -1.1000, -2.0920.

-2.0920.

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

80.3480, -1.1000, -2.0920

Protanopia

80.5550, 2.7510, -0.2970

Deuteranopia

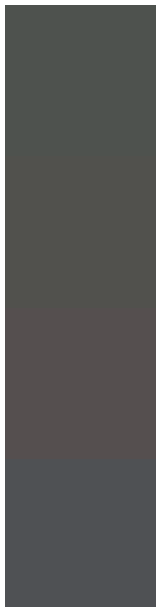
81.4030, 6.2350, 2.6430



Tritanopia

81.0860, -3.1180, 1.4420

Trichromacy



Original Color

80.3480, -1.1000, -2.0920

Protanomaly

80.5440, 1.2840, -1.2440

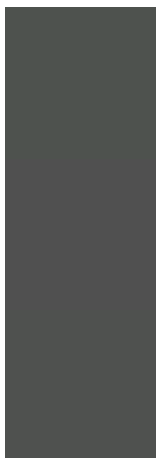
Deuteranomaly

80.7940, 3.5760, 1.2720

Tritanomaly

80.7440, -2.1550, 0.5090

Monochromacy



Original Color

80.3480, -1.1000, -2.0920

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.1740, -0.5500, -1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.3480, -1.1000, -2.0920 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(78, 82, 78)` looks like.

```
.text, #text, p{  
    color:rgb(78, 82, 78)  
}
```

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(78, 82, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 82, 78) }
```

Border

The CSS property to change the border of an element to YIQ 80.3480, -1.1000, -2.0920 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(78, 82, 78) }
```


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

```
.border{ border-color:rgb(78, 82, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 82, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 82, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 82, 78);  
box-shadow:4px 4px 4px 4px rgb(78, 82, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 80.3480, -1.1000, -2.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 82, 78) }
```

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

```
.background{ background-color: rgb(78, 82,  
78) }
```

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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