

Converting Colors

YIQ(92.4680, -1.5580, -4.8060)

Have a look what the booklet for
YIQ(92.4680, -1.5580, -4.8060)
contains.

YIQ(92.4680, -1.5580, -4.8060)	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(92.4680, -1.5580,
-4.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	586056
RGB	88, 96, 86
RGB Percent	35%, 38%, 34%
CMY	0.6549, 0.6235, 0.6627
CMYK	0.08, 0.00, 0.10, 0.62
HSL	108°, 5%, 36%
HSV	108°, 10%, 38%
XYZ	9.8868, 11.1126, 10.4280
YIQ	92.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

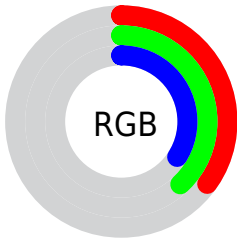
Format	Color
RYB	86, 96, 94
Decimal	5791830
CIELab	39.77, -5.24, 4.65
CIElCh	40, 7.003, 138.403
Yxy	11.1126, 0.3146, 0.3536
Android (android.graphics.Color)	4283981910 (0xFF586056)
YUV	92.4680, -3.1887, -3.9184
Hunter-Lab	33.3356, -5.3972, 4.7878

Details

The YIQ color **92.4680, -1.5580, -4.8060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.5320, 1.5580, 4.8060**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.4680, -1.5580, -4.8060**, and **46.8810, -1.2830, -4.2830** is the 20% darker color. If you saturate the color by 10%, you get **88.9360, -3.1160, -9.6120**, and if you desaturate by 10%, it is **96.0000, -0.0000, 0.0000**.

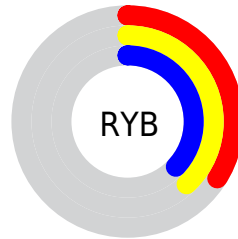
Distribution



Red (35%)

Green (38%)

Blue (34%)



Red (34%)

Yellow (38%)

Blue (37%)

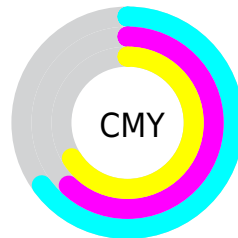


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (62%)



Cyan (65%)

Magenta (62%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.4680, -1.5580, -4.8060 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 92.4680, -1.5580, -4.8060 by changing the saturation by 10% instead.

■ 92.4680, -1.5580,
-4.8060

■ 92.4680, -1.5580,
-4.8060

■ 255.0000, -0.0000,
-0.0000

■ 68.8810, -1.2830,
-4.2830

■ 142.4680, -1.5580,
-4.8060

■ 46.8810, -1.2830,
-4.2830

■ 169.0550, -1.8330,
-5.3290

■ 25.9950, -1.6040,
-3.9720

■ 196.0550, -1.8330,
-5.3290

■ 0.0000, 0.0000,
0.0000

■ 224.0550, -1.8330,
-5.3290

■ 251.7670, -0.9620,
-4.5940

■ 92.4680, -1.5580,
-4.8060

■ 92.4680, -1.5580,
-4.8060

■ 88.9360, -3.1160,
-9.6120

■ 96.0000, -0.0000,
0.0000

■ 85.8170, -4.3990,
-13.8950

■ 99.1190, 1.2830,
4.2830

■ 82.2850, -5.9570,
-18.7010

■ 102.6510, 2.8410,
9.0890

■ 78.8670, -7.8360,
-23.1960

■ 106.0690, 4.7200,
13.5840

■ 75.6340, -8.7980,
-27.7900

■ 109.3020, 5.6820,
18.1780

■ 72.1020, -10.3560,
-32.5960

■ 112.8340, 7.2400,
22.9840

■ 68.6840, -12.2350,
-37.0910

■ 116.2520, 9.1190,
27.4790

■ 65.1520, -13.7930,

■ 119.4850, 10.0810,

-41.8970

32.0730

■ 62.0330, -15.0760,
-46.1800

■ 122.9030, 11.9600,
36.5680

Harmonies

Analogous

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



93.0450, 4.1270, -3.2090



92.4680, -1.5580, -4.8060



91.8310, -7.0140, -5.0460

Triad

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



92.4680, -1.5580, -4.8060



93.1500, -9.1700, 0.9900



94.7840, 9.5360, 3.3920

Complementary

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



92.4680, -1.5580, -4.8060



89.5320, 1.5580, 4.8060

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.



94.8700, 6.4180, 4.8340



92.4680, -1.5580, -4.8060



93.9550, -4.1270, 3.2090

Square

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



92.4680, -1.5580, -4.8060



91.9000, -11.4620, -1.5260



94.5320, 1.5580, 4.8060



94.5020, 10.2700, 1.1020

Rectangle

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



92.4680, -1.5580, -4.8060



91.6890, -9.4900, -4.2260



94.5320, 1.5580, 4.8060



95.0120, 8.8940, 4.0140

Sweetspot

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



92.4680, -1.5580, -4.8060



123.6470, -0.5040, -1.8800



93.6860, 3.7600, -2.0640



63.0600, -0.2290, -1.3570



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



92.4680, -1.5580, -4.8060



119.2890, -2.6120, -7.7320



92.2120, -3.7130, -4.2970



46.6470, -0.5040, -1.8800



72.3220, -17.6880, -53.9120



155.2320, -37.3920, -115.3440

Inverse Universe

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



89.5320, 1.5580, 4.8060



114.7110, 2.6120, 7.7320



89.7880, 3.7130, 4.2970



45.3530, 0.5040, 1.8800



39.6780, 17.6880, 53.9120



84.7680, 37.3920, 115.3440

Previews

White Background



This preview shows how the YIQ color 92.4680, -1.5580, -4.8060 looks on a white background.

Color Contrast Check

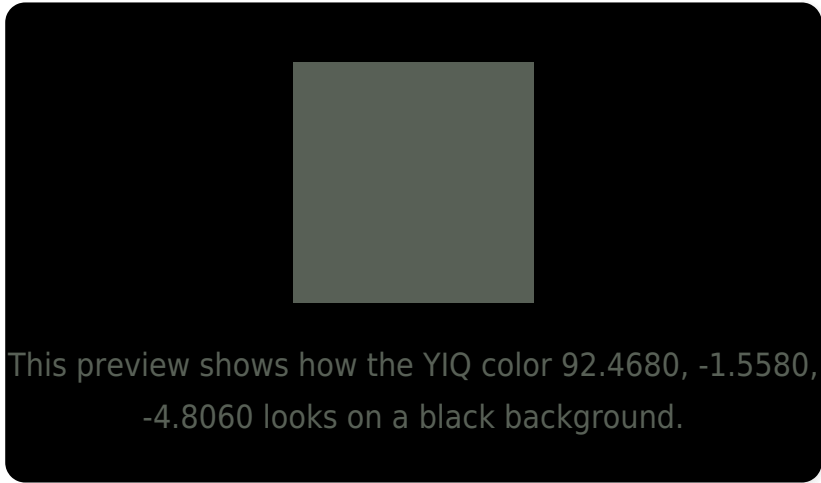
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

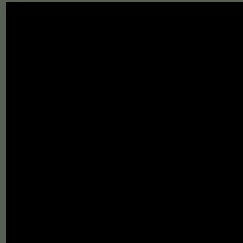
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

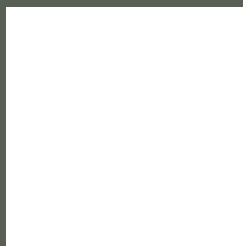
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.4680, -1.5580, -4.8060

Background



This preview shows how black text looks on a background with the YIQ color 92.4680, -1.5580, -4.8060.



This preview shows how white text looks on a background with the YIQ color 92.4680, -1.5580, -4.8060.

-4.8060.

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

92.4680, -1.5580, -4.8060

Protanopia

93.2840, 4.9520, -1.6400

Deuteranopia

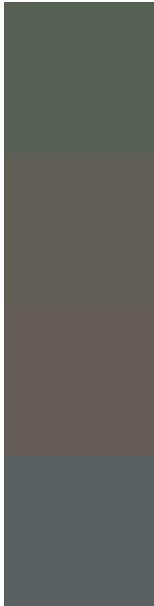
94.1430, 9.9030, 2.2470



Tritanopia

93.6020, -4.6310, 1.3290

Trichromacy



Original Color

92.4680, -1.5580, -4.8060

Protanomaly

92.9740, 2.8890, -2.7990

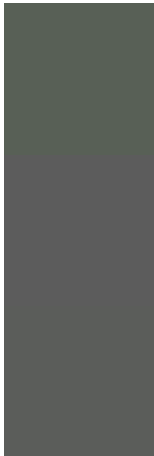
Deuteranomaly

93.5230, 5.7770, -0.0710

Tritanomaly

93.3200, -3.8970, -0.9610

Monochromacy



Original Color

92.4680, -1.5580, -4.8060

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0600, -0.2290, -1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.4680, -1.5580, -4.8060 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(88, 96, 86)` looks like.

```
.text, #text, p{  
    color:rgb(88, 96, 86)  
}
```

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(88, 96, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 96, 86) }
```

Border

The CSS property to change the border of an element to YIQ 92.4680, -1.5580, -4.8060 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(88, 96, 86) }
```


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

```
.border{ border-color:rgb(88, 96, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 96, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 96, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 96, 86);  
box-shadow:4px 4px 4px 4px rgb(88, 96, 86)  
}
```

Background

The CSS property to change the background color of an element to YIQ 92.4680, -1.5580, -4.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 96, 86) }
```

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

```
.background{ background-color: rgb(88, 96,  
86) }
```

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