

Converting Colors

YIQ(91.9880, -8.8940, -4.0140)

Have a look what the booklet for
YIQ(91.9880, -8.8940, -4.0140)
contains.

YIQ(91.9880, -8.8940, -4.0140)	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(91.9880, -8.8940,
-4.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	51615F
RGB	81, 97, 95
RGB Percent	32%, 38%, 37%
CMY	0.6824, 0.6196, 0.6275
CMYK	0.17, 0.00, 0.02, 0.62
HSL	172°, 9%, 35%
HSV	172°, 17%, 38%
XYZ	9.7330, 11.1256, 12.4589
YIQ	91.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

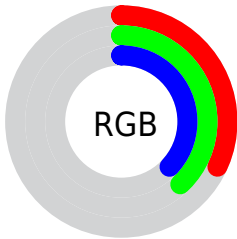
Format	Color
R_{YB}	81, 90, 97
Decimal	5333343
CIE _{Lab}	39.79, -6.56, -0.90
CIE _{LCh}	40, 6.619, 187.856
Yxy	11.1256, 0.2921, 0.3339
Android (android.graphics.Color)	4283523423 (0xFF51615F)
YUV	91.9880, 1.4849, -9.6365
Hunter-Lab	33.3550, -6.2852, 1.2023

Details

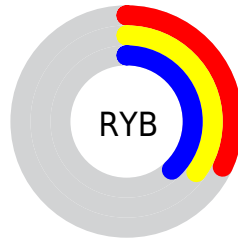
The YIQ color **91.9880, -8.8940, -4.0140** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.0120, 8.8940, 4.0140**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5750, -9.1690, -4.5370**, and **46.2870, -8.2980, -3.8020** is the 20% darker color. If you saturate the color by 10%, you get **88.8840, -14.5330, -6.4450**, and if you desaturate by 10%, it is **95.0920, -3.2550, -1.5830**.

Distribution



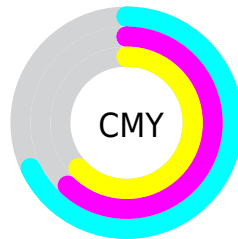
- Red (32%)
- Green (38%)
- Blue (37%)



- Red (32%)
- Yellow (35%)
- Blue (38%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (68%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.9880, -8.8940, -4.0140 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 91.9880, -8.8940, -4.0140 by changing the saturation by 10% instead.

■ 91.9880, -8.8940,
-4.0140

■ 91.9880, -8.8940,
-4.0140

■ 255.0000, -0.0000,
-0.0000

■ 68.2870, -8.2980,
-3.8020

■ 142.2760, -9.7650,
-4.7490

■ 46.2870, -8.2980,
-3.8020

■ 168.6890, -9.4900,
-4.2260

■ 25.2870, -8.2980,
-3.8020

■ 196.2760, -9.7650,
-4.7490

■ 0.1140, -0.3210,
0.3110

■ 223.9770,
-10.3610, -4.9610

■ 0.0000, 0.0000,
0.0000

■ 250.5150, -8.9400,
-3.1800

■ 91.9880, -8.8940,
-4.0140

■ 91.9880, -8.8940,
-4.0140

■ 88.8840, -14.5330,
-6.4450

■ 95.0920, -3.2550,
-1.5830

■ 86.0790, -19.5760,
-8.6640

■ 97.8970, 1.7880,
0.6360

■ 82.8610, -24.8940,
-11.4060

■ 101.1150, 7.1060,
3.3780

■ 79.7570, -30.5330,
-13.8370

■ 104.2190, 12.7450,
5.8090

■ 76.6530, -36.1720,
-16.2680

■ 107.0240, 17.7880,
8.0280

■ 73.8480, -41.2150,
-18.4870

■ 110.1280, 23.4270,
10.4590

■ 70.6300, -46.5330,
-21.2290

■ 113.3460, 28.7450,
13.2010

■ 67.5260, -52.1720,

■ 116.4500, 34.3840,

-23.6600

15.6320

■ 66.6290, -53.9600,
-24.2960

■ 119.2550, 39.4270,
17.8510

Harmonies

Analogous

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



92.6140, -4.9050, -4.7210



91.9880, -8.8940, -4.0140



92.5580, -10.4990, -2.4590

Triad

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



91.9880, -8.8940, -4.0140



94.6350, -0.2300, 4.1700



94.0780, 8.5280, -0.3680

Complementary

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



91.9880, -8.8940, -4.0140



86.0120, 8.8940, 4.0140

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.



94.7300, 9.6280, 1.7240



91.9880, -8.8940, -4.0140



95.0870, 4.3090, 4.5090

Square

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



91.9880, -8.8940, -4.0140



93.9440, -5.5940, 2.2620



94.7130, 8.2980, 3.8020



93.6430, 5.3190, -2.7850

Rectangle

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



91.9880, -8.8940, -4.0140



92.6120, -10.5910, -0.7910



94.7130, 8.2980, 3.8020



94.4910, 8.8030, 0.1550

Sweetspot

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



91.9880, -8.8940, -4.0140



123.0920, -3.2550, -1.5830



90.9900, -3.2080, -7.9440



62.6900, -2.0630, -1.1590



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.



91.9880, -8.8940, -4.0140



117.1830, -13.9370, -6.2330



88.6940, -7.8860, -0.2540



46.8040, -2.3840, -0.8480



76.9160, -62.2580, -28.0980



164.8200, -133.4100, -60.2100

Inverse Universe

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



86.0120, 8.8940, 4.0140



107.8170, 13.9370, 6.2330



89.3060, 7.8860, 0.2540



45.1960, 2.3840, 0.8480



35.0840, 62.2580, 28.0980



75.1800, 133.4100, 60.2100

Previews

White Background



This preview shows how the YIQ color 91.9880, -8.8940, -4.0140 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



This preview shows how the YIQ color 91.9880, -8.8940, -4.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

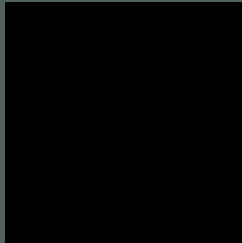
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

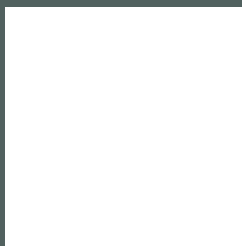
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 91.9880, -8.8940, -4.0140

Background



This preview shows how black text looks on a background with the YIQ color 91.9880, -8.8940, -4.0140.



This preview shows how white text looks on a background with the YIQ color 91.9880, -8.8940, -4.0140.

-4.0140.

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

91.9880, -8.8940, -4.0140

Protanopia

93.5980, 1.1920, 0.4240

Deuteranopia

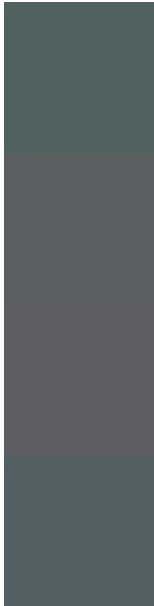
94.5600, 4.3550, 3.6750



Tritanopia

92.9110, -9.9950, -0.5790

Trichromacy



Original Color

91.9880, -8.8940, -4.0140

Protanomaly

92.8040, -2.3840, -0.8480

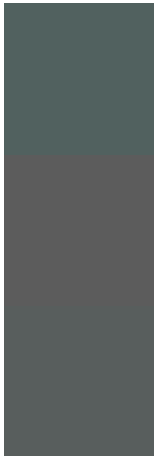
Deuteranomaly

93.6410, -0.3670, 1.1450

Tritanomaly

92.2700, -9.6280, -1.7240

Monochromacy



Original Color

91.9880, -8.8940, -4.0140

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0920, -3.2550, -1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.9880, -8.8940, -4.0140 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(81, 97, 95)` looks like.

```
.text, #text, p{  
    color:rgb(81, 97, 95)  
}
```

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(81, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 97, 95) }
```

Border

The CSS property to change the border of an element to YIQ 91.9880, -8.8940, -4.0140 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(81, 97, 95) }
```


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

```
.border{ border-color:rgb(81, 97, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 97, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(81, 97, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 91.9880, -8.8940, -4.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 97, 95) }
```

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

```
.background{ background-color: rgb(81, 97,  
95) }
```

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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