

Converting Colors

YIQ(92.8040, -2.3840, -0.8480)

Have a look what the booklet for
YIQ(92.8040, -2.3840, -0.8480)
contains.

YIQ(92.8040, -2.3840, -0.8480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YIQ(92.8040, -2.3840,
-0.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5E5E
RGB	90, 94, 94
RGB Percent	35%, 37%, 37%
CMY	0.6471, 0.6314, 0.6314
CMYK	0.04, 0.00, 0.00, 0.63
HSL	180°, 2%, 36%
HSV	180°, 4%, 37%
XYZ	10.2393, 10.9874, 12.1702
YIQ	92.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

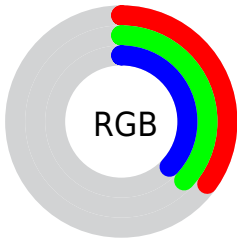
Format	Color
RYB	90, 92, 94
Decimal	5922398
CIELab	39.56, -1.57, -0.55
CIELCh	40, 1.661, 199.293
Yxy	10.9874, 0.3066, 0.3290
Android (android.graphics.Color)	4284112478 (0xFF5A5E5E)
YUV	92.8040, 0.5896, -2.4591
Hunter-Lab	33.1472, -2.8680, 1.4343

Details

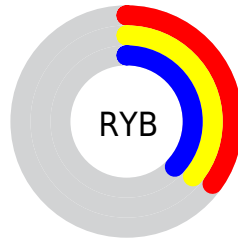
The YIQ color **92.8040, -2.3840, -0.8480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.1960, 2.3840, 0.8480**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.8040, -2.3840, -0.8480**, and **46.8040, -2.3840, -0.8480** is the 20% darker color. If you saturate the color by 10%, you get **90.1130, -7.7480, -2.7560**, and if you desaturate by 10%, it is **95.4950, 2.9800, 1.0600**.

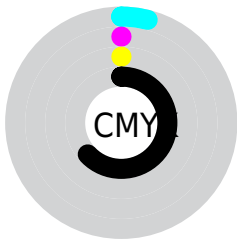
Distribution



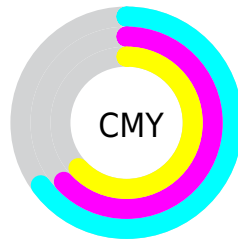
- Red (35%)
- Green (37%)
- Blue (37%)



- Red (35%)
- Yellow (36%)
- Blue (37%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (65%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.8040, -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 92.8040, -2.3840, -0.8480 by changing the saturation by 10% instead.

■ 92.8040, -2.3840,
-0.8480

■ 92.8040, -2.3840,
-0.8480

■ 255.0000, -0.0000,
-0.0000

■ 69.1030, -1.7880,
-0.6360

■ 142.8040, -2.3840,
-0.8480

■ 46.8040, -2.3840,
-0.8480

■ 169.5050, -2.9800,
-1.0600

■ 26.1030, -1.7880,
-0.6360

■ 196.8040, -2.3840,
-0.8480

■ 0.0000, 0.0000,
0.0000

■ 224.5050, -2.9800,
-1.0600

■ 253.5050, -2.9800,
-1.0600

■ 92.8040, -2.3840,
-0.8480

■ 92.8040, -2.3840,
-0.8480

■ 90.1130, -7.7480,
-2.7560

■ 95.4950, 2.9800,
1.0600

■ 87.1230, -13.7080,
-4.8760

■ 98.4850, 8.9400,
3.1800

■ 84.4320, -19.0720,
-6.7840

■ 101.1760, 14.3040,
5.0880

■ 81.4420, -25.0320,
-8.9040

■ 104.1660, 20.2640,
7.2080

■ 78.7510, -30.3960,
-10.8120

■ 106.8570, 25.6280,
9.1160

■ 76.0600, -35.7600,
-12.7200

■ 109.5480, 30.9920,
11.0240

■ 73.0700, -41.7200,
-14.8400

■ 112.5380, 36.9520,
13.1440

■ 70.3790, -47.0840,

■ 115.2290, 42.3160,

-16.7480

15.0520

■ 67.3890, -53.0440,
-18.8680

■ 118.2190, 48.2760,
17.1720

Harmonies

Analogous

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



92.9890, -1.4670, -0.9470



92.8040, -2.3840, -0.8480



92.9180, -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.



92.8040, -2.3840, -0.8480



93.8260, 0.5500, 1.0460



93.3700, 1.8340, -0.1980

Complementary

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



92.8040, -2.3840, -0.8480



91.1960, 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.



93.6690, 2.4300, 0.0140



92.8040, -2.3840, -0.8480



93.4240, 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.



92.8040, -2.3840, -0.8480



93.3420, -0.9630, 0.9330



93.1960, 2.3840, 0.8480



92.7720, 0.6420, -0.6220

Rectangle

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



92.8040, -2.3840, -0.8480



93.3310, -2.4300, -0.0140



93.1960, 2.3840, 0.8480



93.3700, 1.8340, -0.1980

Sweetspot

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



92.8040, -2.3840, -0.8480



121.7010, -0.5960, -0.2120



92.3480, -1.1000, -2.0920



61.0000, 0.0000, -0.0000



189.0000, -0.0000, -0.0000

Same Dimension

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



92.8040, -2.3840, -0.8480



120.2060, -3.5760, -1.2720



91.6300, -1.8340, 0.1980



45.1030, -1.7880, -0.6360



76.9960, -65.2390, -23.6310



166.1370, -141.2520, -50.2440

Inverse Universe

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



91.1960, 2.3840, 0.8480



117.7940, 3.5760, 1.2720



92.3700, 1.8340, -0.1980



43.8970, 1.7880, 0.6360



32.8900, 65.5600, 23.3200



70.8630, 141.2520, 50.2440

Previews

White Background



This preview shows how the YIQ color 92.8040, -2.3840, -0.8480 looks on a white background.

Color Contrast Check

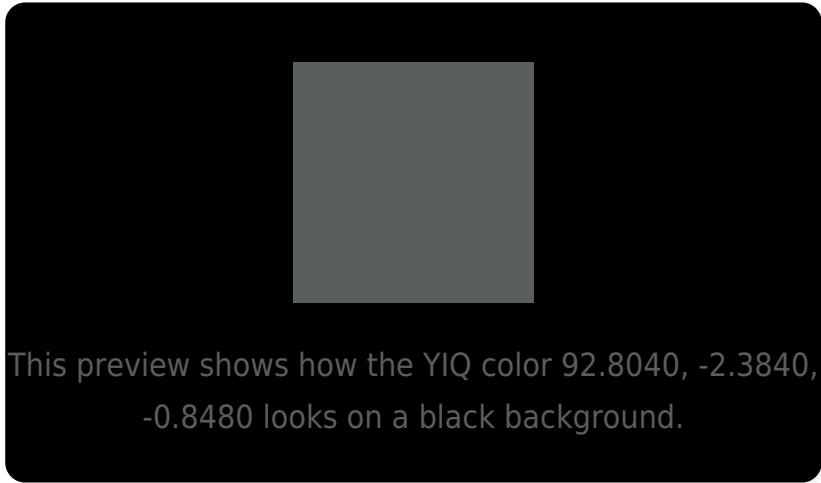
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.8040, -2.3840, -0.8480

Background



This preview shows how black text looks on a background with the YIQ color 92.8040, -2.3840, -0.8480.



This preview shows how white text looks on a background with the YIQ color 92.8040, -2.3840, -0.8480.

-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

92.8040, -2.3840, -0.8480

Protanopia

93.5980, 1.1920, 0.4240

Deuteranopia

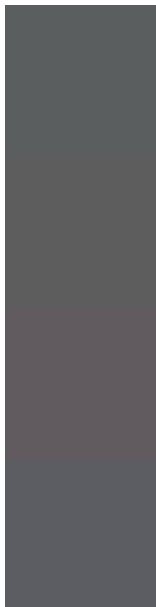
93.8590, 4.9510, 3.8870



Tritanopia

93.2000, -3.4390, 1.7530

Trichromacy



Original Color

92.8040, -2.3840, -0.8480

Protanomaly

93.0000, -0.0000, -0.0000

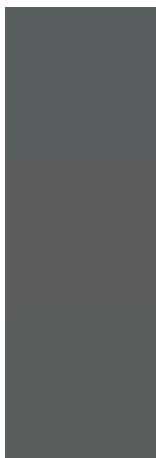
Deuteranomaly

93.2500, 2.2920, 2.5160

Tritanomaly

92.9720, -2.7970, 1.1310

Monochromacy



Original Color

92.8040, -2.3840, -0.8480

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.7010, -0.5960, -0.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.8040, -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(90, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(90, 94, 94)  
}
```

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(90, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 94, 94) }
```

Border

The CSS property to change the border of an element to YIQ 92.8040, -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(90, 94, 94) }
```

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

```
.border{ border-color:rgb(90, 94, 94) }
```

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

Here you see how a box with a 4 pixel rgb(90, 94, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(90, 94, 94)  
}
```


Background

The CSS property to change the background color of an element to YIQ 92.8040, -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(90, 94, 94) }
```

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

```
.background{ background-color: rgb(90, 94,  
94) }
```

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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