

# Converting Colors

YIQ(119.9070, 94.3940, 51.4340)

Have a look what the booklet for  
YIQ(119.9070, 94.3940, 51.4340)  
contains.

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# Color

**YIQ(119.9070, 94.3940,  
51.4340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F23D67
RGB	242, 61, 103
RGB Percent	95%, 24%, 40%
CMY	0.0505, 0.7610, 0.5957
CMYK	0.00, 0.75, 0.57, 0.05
HSL	346°, 88%, 59%
HSV	346°, 75%, 95%
XYZ	40.7752, 23.2083, 15.1855
YIQ	119.9070, 94.3940, 51.4340

# Conversions

## Conversions Part 2

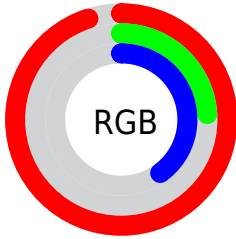
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">242, 61, 103</a>
Decimal	<a href="#">15875431</a>
<a href="#">CIELab</a>	<a href="#">55.29, 69.83, 19.19</a>
<a href="#">CIELCh</a>	<a href="#">55, 72.420, 15.366</a>
<a href="#">Yxy</a>	<a href="#">23.2083, 0.5150, 0.2931</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294065511 (0xFFFF23D67)</a>
<a href="#">YUV</a>	<a href="#">119.9070, -8.3352, 107.0756</a>
<a href="#">Hunter-Lab</a>	<a href="#">48.1750, 66.7759, 15.0334</a>

# Details

The YIQ color **119.9070, 94.3940, 51.4340** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **183.0930, -94.3940, -51.4340**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.0020, 68.7210, 37.6250**, and **60.0190, 88.3870, 55.6750** is the 20% darker color. If you saturate the color by 10%, you get **103.7670, 106.7720, 58.3880**, and if you desaturate by 10%, it is **136.1610, 81.6950, 44.7910**.

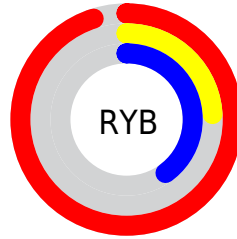
# Distribution



Red (95%)

Green (24%)

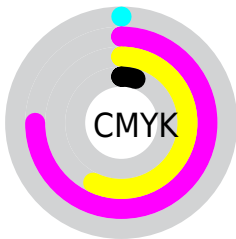
Blue (40%)



Red (95%)

Yellow (24%)

Blue (40%)

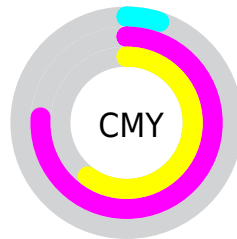


Cyan (0%)

Magenta (75%)

Yellow (57%)

Black (5%)



Cyan (5%)

Magenta (76%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9070, 94.3940, 51.4340 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 119.9070, 94.3940, 51.4340 by changing the saturation by 10% instead.



■ 119.9070, 94.3940,  
51.4340

■ 119.9070, 94.3940,  
51.4340

■ 255.0000, -0.0000,  
-0.0000

■ 81.7750, 95.1260,  
60.1980

■ 166.0020, 68.7210,  
37.6250

■ 60.0190, 88.3870,  
55.6750

■ 186.1030, 52.0790,  
30.8550

■ 48.3560, 76.6520,  
42.5720

■ 206.2040, 35.4370,  
24.0850

■ 36.6930, 64.9170,  
29.4690

■ 227.0060, 18.1990,  
17.1030

■ 26.2410, 51.2100,  
19.0660

■ 246.7820, 3.8500,  
7.3220

■ 17.2710, 33.3300,  
12.7060

■ 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,  
0.0000

■ 119.9070, 94.3940,  
51.4340

■ 119.9070, 94.3940,  
51.4340

■ 103.7670,  
106.7720, 58.3880

■ 136.1610, 81.6950,  
44.7910

■ 87.5130, 119.4710,  
65.0310

■ 152.3010, 69.3170,  
37.8370

■ 78.7420, 126.2560,  
68.7200

■ 169.1420, 56.3430,  
30.6710

■ 185.2820, 43.9650,  
23.7170

■ 201.5360, 31.2660,  
17.0740

217.7900, 18.5670,  
10.4310

233.9300, 6.1890,  
3.4770

250.7710, -6.7850,  
-3.6890

251.1130, -7.7480,  
-2.7560

# Harmonies

## Analogous

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



126.4250, 64.1770, 64.9210



119.9070, 94.3940, 51.4340



124.4200, 95.8220, 14.5260

# Triad

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



119.9070, 94.3940, 51.4340



107.1100, -23.1430, -59.6790



115.9460, -122.5550, 1.9010

# Complementary

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



119.9070, 94.3940, 51.4340



183.0930, -94.3940, -51.4340

# 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.



117.9400, -114.3910, -13.9030



119.9070, 94.3940, 51.4340



103.9180, -74.9080, -52.1560

# Square

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



119.9070, 94.3940, 51.4340



120.4630, 39.2550, -45.1370



112.6160, -96.6440, -32.6760



114.3610, -98.2580, 18.6220



# Rectangle

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



119.9070, 94.3940, 51.4340



123.7830, 89.2250, -14.6070



112.6160, -96.6440, -32.6760



117.9690, -121.3620, -3.2020

# Sweetspot

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



119.9070, 94.3940, 51.4340



217.2260, 29.2030, 15.9150



123.1950, 24.7430, 85.7590



105.0780, 17.6960, 9.6960



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



119.9070, 94.3940, 51.4340



99.9260, 119.7460, 65.5540



143.2950, 94.6760, 13.2680



111.9300, 6.1890, 3.4770



59.9180, 95.8610, 52.3810



18.2260, 29.2030, 15.9150



# Inverse Universe

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



119.9070, 94.3940, 51.4340



99.9260, 119.7460, 65.5540



159.7050, -94.6760, -13.2680



111.9300, 6.1890, 3.4770



59.9180, 95.8610, 52.3810

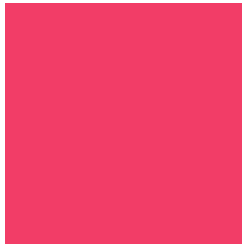


18.2260, 29.2030, 15.9150



# Previews

## White Background



This preview shows how the YIQ color 119.9070, 94.3940, 51.4340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

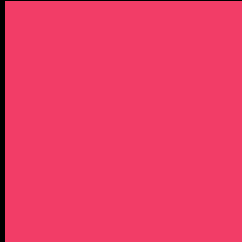
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 119.9070, 94.3940, 51.4340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

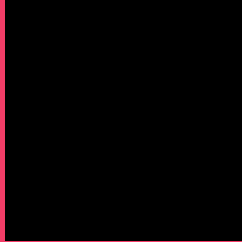
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 119.9070, 94.3940, 51.4340

## Background



This preview shows how black text looks on a background with the YIQ color 119.9070, 94.3940, 51.4340.



This preview shows how white text looks on a background with the YIQ color 119.9070, 94.3940,



# 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

119.9070, 94.3940, 51.4340

### Protanopia

133.1680, -0.4130, 1.9790

### Deuteranopia

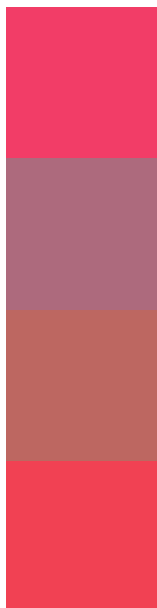
132.5070, 29.0690, -3.6910



## Tritanopia

120.0690, 102.1450, 37.6090

# Trichromacy



## Original Color

119.9070, 94.3940, 51.4340

## Protanomaly

128.1990, 33.8330, 20.1130

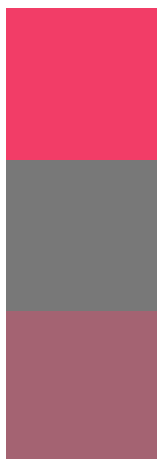
## Deuteranomaly

128.0300, 53.1820, 16.3660

## Tritanomaly

119.6760, 99.1180, 42.9100

# Monochromacy



## Original Color

119.9070, 94.3940, 51.4340

## Achromatopsia

120.0000, -0.0000, -0.0000

## Achromatomaly

120.1450, 33.9250, 18.4450

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.9070, 94.3940, 51.4340 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(242, 61, 103)` looks like.

```
.text, #text, p{  
    color:rgb(242, 61, 103)  
}
```

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(242, 61, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 61, 103) }
```

## Border

The CSS property to change the border of an element to YIQ 119.9070, 94.3940, 51.4340 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(242, 61, 103) }
```



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

```
.border{ border-color:rgb(242, 61, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 61, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 61, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 61, 103);  
box-shadow:4px 4px 4px 4px rgb(242, 61,  
103) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.9070, 94.3940, 51.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 61, 103) }
```

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

```
.background{ background-color: rgb(242, 61,  
103) }
```

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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