

# Converting Colors

YIQ(119.6210, 92.9240, 67.0680)

Have a look what the booklet for  
YIQ(119.6210, 92.9240, 67.0680)  
contains.

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# Color

**YIQ(119.6210, 92.9240,  
67.0680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA3383
RGB	250, 51, 131
RGB Percent	98%, 20%, 51%
CMY	0.0191, 0.8003, 0.4860
CMYK	0.00, 0.80, 0.48, 0.02
HSL	336°, 95%, 59%
HSV	336°, 80%, 98%
XYZ	44.7544, 24.3498, 23.8417
YIQ	119.6210, 92.9240, 67.0680

# Conversions

## Conversions Part 2

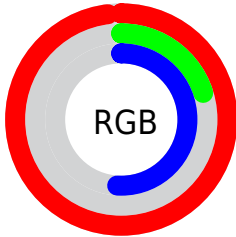
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 51, 131
Decimal	16397187
CIE Lab	56.44, 76.76, 4.34
CIE LCh	56, 76.885, 3.239
Yxy	24.3498, 0.4815, 0.2620
Android (android.graphics.Color)	4294587267 (0xFFFA3383)
YUV	119.6210, 5.6098, 114.3424
Hunter-Lab	49.3456, 75.5375, 5.8954

# Details

The YIQ color **119.6210, 92.9240, 67.0680** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **181.3790, -92.9240, -67.0680**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4870, 60.4660, 49.5700**, and **65.2610, 85.1300, 65.1460** is the 20% darker color. If you saturate the color by 10%, you get **103.2360, 104.6140, 75.4780**, and if you desaturate by 10%, it is **136.0060, 81.2340, 58.6580**.

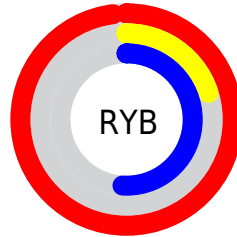
# Distribution



Red (98%)

Green (20%)

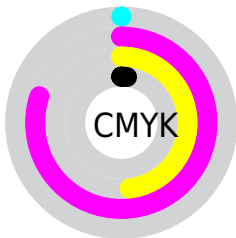
Blue (51%)



Red (98%)

Yellow (20%)

Blue (51%)

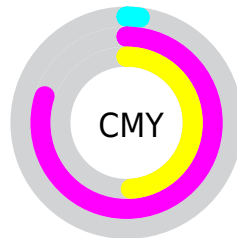


Cyan (0%)

Magenta (80%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (80%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6210, 92.9240, 67.0680 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 119.6210, 92.9240, 67.0680 by changing the saturation by 10% instead.





 119.6210, 92.9240,  
67.0680


 119.6210, 92.9240,  
67.0680


255.0000, -0.0000,  
-0.0000


 77.5650, 96.4980,  
79.3940


 166.4870, 60.4660,  
49.5700


 65.2610, 85.1300,  
65.1460


 187.1750, 43.5490,  
42.2770


 53.3700, 74.0370,  
51.4210


 208.0910, 25.9900,  
35.6060

 42.0060, 62.8980,  
38.5300

 227.4110, 12.9250,  
24.5810

 30.3430, 51.1630,  
25.4270

 245.0210, 4.6750,  
8.8910

 20.0760, 38.3730,  
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,  
0.0000

■ 119.6210, 92.9240,  
67.0680

■ 119.6210, 92.9240,  
67.0680

■ 103.2360,  
104.6140, 75.4780

■ 136.0060, 81.2340,  
58.6580

■ 86.8510, 116.3040,  
83.8880


■ 152.3910, 69.5440,  
50.2480


■ 86.2640, 116.5790,  
84.4110


■ 168.7760, 57.8540,  
41.8380


■ 185.1610, 46.1640,  
33.4280

■ 201.5460, 34.4740,  
25.0180

 217.9310, 22.7840,  
16.6080

 234.3160, 11.0940,  
8.1980

 250.7010, -0.5960,  
-0.2120

 253.5050, -2.9800,  
-1.0600

# Harmonies

## Analogous

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



132.5510, 46.3870, 67.9470



119.6210, 92.9240, 67.0680



123.3310, 104.1630, 34.0750

# Triad

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



119.6210, 92.9240, 67.0680



115.2370, 10.0520, -61.0520



121.8160, -125.3050, -3.3290

# Complementary

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



119.6210, 92.9240, 67.0680



181.3790, -92.9240, -67.0680

# 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.



119.8660, -111.5470, -21.3950



119.6210, 92.9240, 67.0680



102.6010, -67.0660, -62.1220

# Square

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



119.6210, 92.9240, 67.0680



126.1880, 56.4470, -37.3210



112.3420, -90.3610, -41.9210



112.4240, -120.9050, 5.0390



# Rectangle

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



119.6210, 92.9240, 67.0680



125.7820, 100.1340, 2.4540



112.3420, -90.3610, -41.9210



122.0950, -121.9570, -8.9410

# Sweetspot

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



119.6210, 92.9240, 67.0680



214.9750, 28.6520, 20.3960



108.3700, 5.2570, 86.4810



103.6590, 17.5580, 12.1980



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.



119.6210, 92.9240, 67.0680



94.5410, 114.2410, 82.7290



120.4800, 113.9290, 33.2970



116.4570, 6.1430, 4.3110



65.1750, 88.2480, 63.7040



21.0890, 28.3310, 20.7070



# Inverse Universe

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



119.6210, 92.9240, 67.0680



94.5410, 114.2410, 82.7290



181.1070, -114.2040, -33.8200



116.4570, 6.1430, 4.3110



65.1750, 88.2480, 63.7040



21.0890, 28.3310, 20.7070



# Previews

## White Background



This preview shows how the YIQ color 119.6210, 92.9240, 67.0680 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

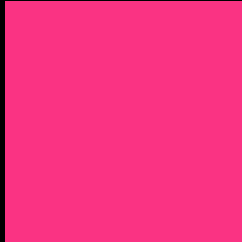
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 119.6210, 92.9240, 67.0680 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 119.6210, 92.9240, 67.0680

## Background



This preview shows how black text looks on a background with the YIQ color 119.6210, 92.9240, 67.0680.



This preview shows how white text looks on a background with the YIQ color 119.6210, 92.9240,

67.0680.

# 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

119.6210, 92.9240, 67.0680

### Protanopia

136.0260, -20.0840, 11.5640

### Deuteranopia

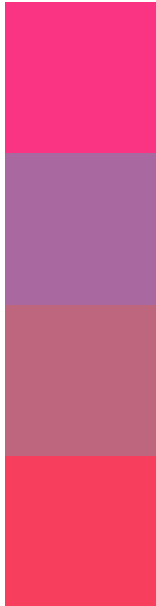
136.7370, 16.9180, 1.7660



## Tritanopia

121.8630, 105.7210, 38.8810

# Trichromacy



## Original Color

119.6210, 92.9240, 67.0680

## Protanomaly

130.2320, 21.0390, 31.7190

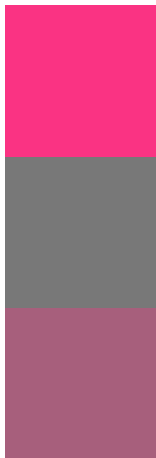
## Deuteranomaly

130.6350, 44.4690, 25.5970

## Tritanomaly

121.1480, 100.9050, 49.0730

# Monochromacy



## Original Color

119.6210, 92.9240, 67.0680

## Achromatopsia

120.0000, -0.0000, -0.0000

## Achromatomaly

119.8340, 33.6030, 24.2830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.6210, 92.9240, 67.0680 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(250, 51, 131)` looks like.

```
.text, #text, p{  
    color:rgb(250, 51, 131)  
}
```

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(250, 51, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 51, 131) }
```

## Border

The CSS property to change the border of an element to YIQ 119.6210, 92.9240, 67.0680 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(250, 51, 131) }
```



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

```
.border{ border-color:rgb(250, 51, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 51, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 51, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 51, 131);  
box-shadow:4px 4px 4px 4px rgb(250, 51,  
131) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.6210, 92.9240, 67.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 51, 131) }
```

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

```
.background{ background-color: rgb(250, 51,  
131) }
```

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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