

Converting Colors

YIQ(115.3650, 107.9640,
58.8120)

Have a look what the booklet for
YIQ(115.3650, 107.9640, 58.8120)
contains.

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Color

**YIQ(115.3650, 107.9640,
58.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3060
RGB	255, 48, 96
RGB Percent	100%, 19%, 38%
CMY	0.0000, 0.8120, 0.6231
CMYK	0.00, 0.81, 0.62, 0.00
HSL	346°, 100%, 59%
HSV	346°, 81%, 100%
XYZ	44.4093, 24.2132, 13.4234
YIQ	115.3650, 107.9640, 58.8120

Conversions

Conversions Part 2

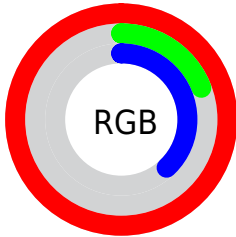
Format	Color
R_{YB}	255, 48, 96
Decimal	16724064
CIE _{Lab}	56.30, 76.34, 25.12
CIE _{LCh}	56, 80.370, 18.210
Yxy	24.2132, 0.5413, 0.2951
Android (android.graphics.Color)	4294914144 (0xFFFF3060)
YUV	115.3650, -9.5469, 122.4599
Hunter-Lab	49.2069, 74.9846, 18.2708

Details

The YIQ color **115.3650, 107.9640, 58.8120** 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 **187.6350, -107.9640, -58.8120**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9810, 73.2140, 38.7980**, and **62.5100, 97.1900, 55.8300** is the 20% darker color. If you saturate the color by 10%, you get **97.9370, 121.2130, 66.5010**, and if you desaturate by 10%, it is **132.3200, 94.6690, 51.9570**.

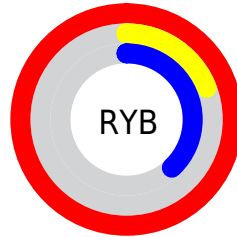
Distribution



Red (100%)

Green (19%)

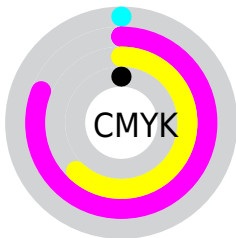
Blue (38%)



Red (100%)

Yellow (19%)

Blue (38%)

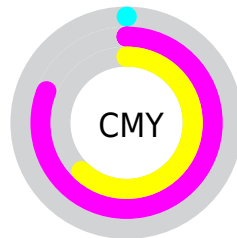


Cyan (0%)

Magenta (81%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.3650, 107.9640, 58.8120 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 115.3650, 107.9640, 58.8120 by changing the saturation by 10% instead.


 115.3650,
107.9640, 58.8120


 115.3650,
107.9640, 58.8120


255.0000, -0.0000,
-0.0000


 74.9990, 109.4750,
69.9790

 160.9810, 73.2140,
38.7980


 62.6240, 96.8690,
56.1410


 181.6690, 56.2970,
31.5050

 50.9610, 85.1340,
43.0380

 202.3570, 39.3800,
24.2120

 38.7710, 73.4450,
29.1010

 223.1590, 22.1420,
17.2300

 28.6330, 55.9780,
20.7620

 243.8470, 5.2250,
9.9370

 19.7770, 37.7770,
14.7130

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 115.3650,
107.9640, 58.8120

■ 115.3650,
107.9640, 58.8120

■ 97.9370, 121.2130,
66.5010

■ 132.3200, 94.6690,
51.9570

■ 82.9710, 133.0410,
72.4090

■ 149.7480, 81.4200,
44.2680

■ 166.7030, 68.1250,
37.4130

■ 184.1310, 54.8760,
29.7240

■ 201.0860, 41.5810,
22.8690

■ 218.6280, 28.0110,
15.4910

■ 235.4690, 15.0370,
8.3250

■ 253.0110, 1.4670,
0.9470

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



121.2300, 78.3880, 77.2040



115.3650, 107.9640, 58.8120



123.9880, 105.7260, 11.2460

Triad

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



115.3650, 107.9640, 58.8120



94.8950, -50.8790, -74.6470



118.2940, -123.6550, -0.1910

Complementary

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



115.3650, 107.9640, 58.8120



187.6350, -107.9640, -58.8120

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.



122.3400, -121.2690, -10.3970



115.3650, 107.9640, 58.8120



107.5370, -78.2090, -52.9050

Square

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



115.3650, 107.9640, 58.8120



121.8920, 33.4330, -49.7590



117.0330, -102.1920, -31.2480



115.5570, -95.8740, 19.4700

Rectangle

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



115.3650, 107.9640, 58.8120



126.4410, 90.1880, -15.5400



117.0330, -102.1920, -31.2480



120.6420, -124.7550, -2.2830

Sweetspot

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



115.3650, 107.9640, 58.8120



213.8350, 31.8620, 17.2860



119.1390, 28.3170, 98.0850



102.9750, 19.4840, 10.3320



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.



115.3650, 107.9640, 58.8120



88.3510, 128.9150, 70.0910



142.1780, 108.2470, 15.1190



119.2290, 6.7850, 3.6890



62.1250, 99.7120, 54.1760



20.8460, 33.3290, 18.2330

Inverse Universe

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



115.3650, 107.9640, 58.8120



88.3510, 128.9150, 70.0910



160.8220, -108.2470, -15.1190



119.2290, 6.7850, 3.6890



62.1250, 99.7120, 54.1760



20.8460, 33.3290, 18.2330

Previews

White Background



This preview shows how the YIQ color 115.3650, 107.9640, 58.8120 looks on a white background.

Color Contrast Check

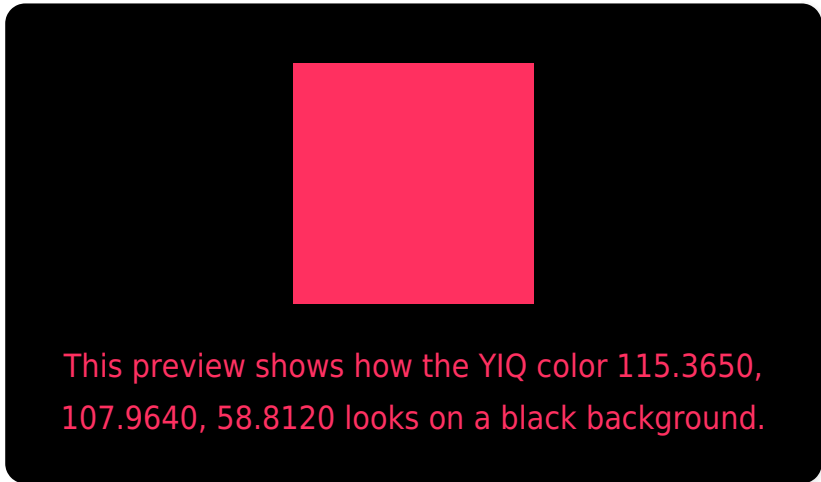
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 115.3650, 107.9640, 58.8120

Background



This preview shows how black text looks on a background with the YIQ color 115.3650, 107.9640, 58.8120.



This preview shows how white text looks on a background with the YIQ color 115.3650, 107.9640,

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

115.3650, 107.9640, 58.8120

Protanopia

135.6690, 2.4300, 0.0140

Deuteranopia

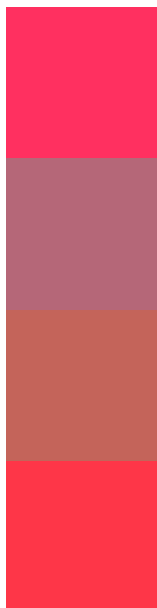
134.2640, 34.0670, -6.1650



Tritanopia

116.0170, 117.0910, 42.0750

Trichromacy



Original Color

115.3650, 107.9640, 58.8120

Protanomaly

128.2600, 41.0310, 21.8230

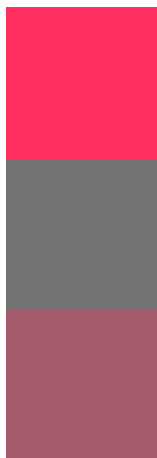
Deuteranomaly

127.5640, 60.4260, 17.2420

Tritanomaly

115.8520, 113.4220, 47.9980

Monochromacy



Original Color

115.3650, 107.9640, 58.8120

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.3630, 39.2430, 21.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3650, 107.9640, 58.8120 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(255, 48, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 96)  
}
```

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(255, 48, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 96) }
```

Border

The CSS property to change the border of an element to YIQ 115.3650, 107.9640, 58.8120 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(255, 48, 96) }
```


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

```
.border{ border-color:rgb(255, 48, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3650, 107.9640, 58.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 96) }
```

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

```
.background{ background-color: rgb(255, 48,  
96) }
```

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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