

Converting Colors

YIQ(158.3370, 60.4680, 38.5160)

Have a look what the booklet for
YIQ(158.3370, 60.4680, 38.5160)
contains.

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Color

**YIQ(158.3370, 60.4680,
38.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	F0759D
RGB	240, 117, 157
RGB Percent	94%, 46%, 62%
CMY	0.0585, 0.5414, 0.3841
CMYK	0.00, 0.51, 0.35, 0.06
HSL	340°, 80%, 70%
HSV	340°, 51%, 94%
XYZ	48.4083, 33.6861, 35.8728
YIQ	158.3370, 60.4680, 38.5160

Conversions

Conversions Part 2

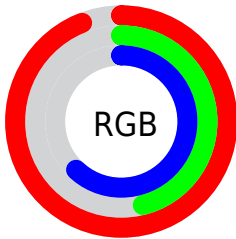
Format	Color
R _{YB}	240, 117, 157
Decimal	15758749
CIE Lab	64.71, 51.40, 1.03
CIE LCh	65, 51.409, 1.144
Yxy	33.6861, 0.4104, 0.2856
Android (android.graphics.Color)	4293948829 (0xFFFF0759D)
YUV	158.3370, -0.6591, 71.6185
Hunter-Lab	58.0398, 47.3091, 3.9823

Details

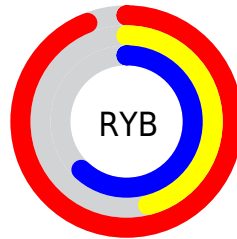
The YIQ color **158.3370, 60.4680, 38.5160** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **198.6630, -60.4680, -38.5160**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2630, 36.9490, 29.7250**, and **103.1840, 56.5250, 38.3890** is the 20% darker color. If you saturate the color by 10%, you get **142.4250, 72.2040, 46.0920**, and if you desaturate by 10%, it is **174.2490, 48.7320, 30.9400**.

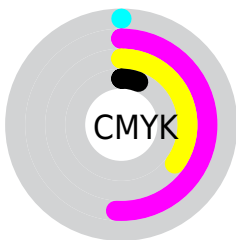
Distribution



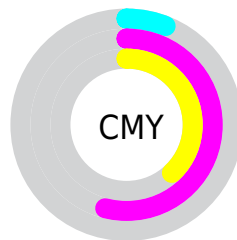
- Red (94%)
- Green (46%)
- Blue (62%)



- Red (94%)
- Yellow (46%)
- Blue (62%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.3370, 60.4680, 38.5160 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 158.3370, 60.4680, 38.5160 by changing the saturation by 10% instead.


 158.3370, 60.4680,
38.5160


 158.3370, 60.4680,
38.5160


255.0000, -0.0000,
-0.0000

 130.5540, 58.3590,
38.1910


 201.3770, 36.6280,
30.0360


 103.1840, 56.5250,
38.3890


 221.5920, 19.6650,
23.5770

 74.1670, 55.1950,
40.4670

 239.7380, 7.1500,
13.5980

 43.5030, 54.3690,
44.4250

 32.7370, 44.4220,
31.9580

 22.1560, 35.3920,
19.3920

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 158.3370, 60.4680,
38.5160

■ 158.3370, 60.4680,
38.5160

■ 142.4250, 72.2040,
46.0920

■ 174.2490, 48.7320,
30.9400

■ 126.5130, 83.9400,
53.6680

■ 190.1610, 36.9960,
23.3640

■ 110.4870, 95.9970,
60.9330

■ 206.1870, 24.9390,
16.0990

■ 94.5750, 107.7330,
68.5090

■ 222.0990, 13.2030,
8.5230

■ 80.6520, 118.0020,
75.1380

■ 238.0110, 1.4670,
0.9470

250.4010, -8.6190,
-3.4910

250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



161.2750, 28.6480, 42.5040



158.3370, 60.4680, 38.5160



156.7290, 73.2630, 21.3830

Triad

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



158.3370, 60.4680, 38.5160



147.4170, 10.5060, -36.2300



128.5690, -123.6520, -16.7720

Complementary

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



158.3370, 60.4680, 38.5160



198.6630, -60.4680, -38.5160

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.



128.2150, -114.3880, -30.4840



158.3370, 60.4680, 38.5160



137.4940, -41.1190, -42.2630

Square

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



158.3370, 60.4680, 38.5160



152.0580, 45.6700, -23.7220



123.5580, -99.8970, -45.3130



143.5240, -83.0800, 7.8640

Rectangle

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



158.3370, 60.4680, 38.5160



155.8620, 70.7900, 5.6220



123.5580, -99.8970, -45.3130



129.3040, -121.5880, -21.1400

Sweetspot

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



158.3370, 60.4680, 38.5160



229.7300, 18.7960, 11.7880



155.5400, 9.3890, 55.6370



112.6750, 11.4610, 7.0530



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.



158.3370, 60.4680, 38.5160



150.0560, 77.7970, 49.3570



165.5170, 67.8080, 15.6160



112.0440, 5.8680, 3.7880



61.8560, 90.4040, 57.6680



18.7960, 27.5980, 17.4700

Inverse Universe

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



158.3370, 60.4680, 38.5160



150.0560, 77.7970, 49.3570



191.4830, -67.8080, -15.6160



112.0440, 5.8680, 3.7880



61.8560, 90.4040, 57.6680



18.7960, 27.5980, 17.4700

Previews

White Background



This preview shows how the YIQ color 158.3370, 60.4680, 38.5160 looks on a white background.

Color Contrast Check

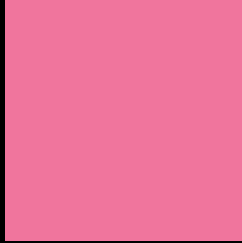
Large Text (above 18pt) WCAG AA × Fail

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 158.3370, 60.4680, 38.5160 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 ✓ Pass

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

YIQ 158.3370, 60.4680, 38.5160

Background



This preview shows how black text looks on a background with the YIQ color 158.3370, 60.4680, 38.5160.



This preview shows how white text looks on a background with the YIQ color 158.3370, 60.4680,

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

158.3370, 60.4680, 38.5160

Protanopia

157.9530, -9.8130, 7.1390

Deuteranopia

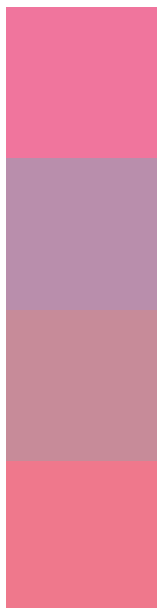
158.7630, 14.0290, 4.5650



Tritanopia

157.7100, 66.2470, 27.3910

Trichromacy



Original Color

158.3370, 60.4680, 38.5160

Protanomaly

158.2770, 15.9980, 18.4460

Deuteranomaly

158.5360, 31.2660, 17.0740

Tritanomaly

157.8610, 64.5040, 31.4480

Monochromacy



Original Color

158.3370, 60.4680, 38.5160

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.1650, 22.0050, 14.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.3370, 60.4680, 38.5160 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(240, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 157)  
}
```

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(240, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 157) }
```

Border

The CSS property to change the border of an element to YIQ 158.3370, 60.4680, 38.5160 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(240, 117, 157) }
```


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

```
.border{ border-color:rgb(240, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 158.3370, 60.4680, 38.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 157) }
```

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

```
.background{ background-color: rgb(240,  
117, 157) }
```

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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