

Converting Colors

YIQ(148.5750, 80.2290, 38.3170)

Have a look what the booklet for
YIQ(148.5750, 80.2290, 38.3170)
contains.

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Color

**YIQ(148.5750, 80.2290,
38.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	F9667D
RGB	249, 102, 125
RGB Percent	98%, 40%, 49%
CMY	0.0232, 0.6002, 0.5095
CMYK	0.00, 0.59, 0.50, 0.02
HSL	351°, 93%, 69%
HSV	351°, 59%, 98%
XYZ	47.5519, 31.1300, 22.9302
YIQ	148.5750, 80.2290, 38.3170

Conversions

Conversions Part 2

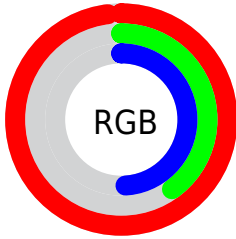
Format	Color
R _Y B	249, 102, 125
Decimal	16344701
CIE Lab	62.62, 58.06, 16.56
CIE LCh	63, 60.376, 15.916
Yxy	31.1300, 0.4680, 0.3064
Android (android.graphics.Color)	4294534781 (0xFFFF9667D)
YUV	148.5750, -11.6225, 88.0727
Hunter-Lab	55.7943, 54.4905, 14.6892

Details

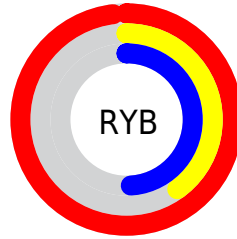
The YIQ color **148.5750, 80.2290, 38.3170** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **202.4250, -80.2290, -38.3170**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.1690, 51.7130, 26.4730**, and **89.8180, 75.2310, 40.7910** is the 20% darker color. If you saturate the color by 10%, you get **131.5060, 93.8450, 44.8610**, and if you desaturate by 10%, it is **165.6440, 66.6130, 31.7730**.

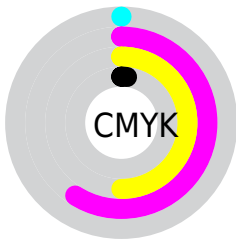
Distribution



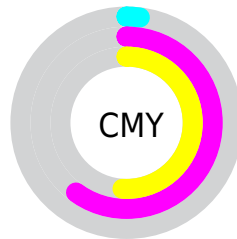
- Red (98%)
- Green (40%)
- Blue (49%)



- Red (98%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (59%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.5750, 80.2290, 38.3170 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 148.5750, 80.2290, 38.3170 by changing the saturation by 10% instead.


 148.5750, 80.2290,
38.3170


 148.5750, 80.2290,
38.3170


255.0000, -0.0000,
-0.0000


 120.0200, 77.4780,
38.6140


 189.2830, 51.3920,
26.7840


 90.1170, 75.8270,
41.0030


 209.3840, 34.7500,
20.0140


 53.0990, 76.2380,
50.0780

 229.5990, 17.7870,
13.5550

 41.7350, 65.0990,
37.1870

 249.1300, 2.7500,
5.2300

 30.5560, 54.8770,
24.1970

 21.1580, 41.0780,
15.4620

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 148.5750, 80.2290,
38.3170

■ 148.5750, 80.2290,
38.3170

■ 131.5060, 93.8450,
44.8610

■ 165.6440, 66.6130,
31.7730

■ 114.4370,
107.4610, 51.4050

■ 182.7130, 52.9970,
25.2290

■ 97.3680, 121.0770,
57.9490

■ 199.7820, 39.3810,
18.6850

■ 80.2990, 134.6930,
64.4930

■ 216.8510, 25.7650,
12.1410

■ 78.8970, 135.8850,
64.9170

■ 233.3330, 12.4240,
6.1200

250.4020, -1.1920,
-0.4240

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



152.6050, 54.3220, 50.7860



148.5750, 80.2290, 38.3170



148.1950, 83.2140, 11.7420

Triad

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



148.5750, 80.2290, 38.3170



134.3210, -15.9470, -46.9150



125.9250, -127.2300, -6.9900

Complementary

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



148.5750, 80.2290, 38.3170



202.4250, -80.2290, -38.3170

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.



128.0160, -120.7170, -20.4050



148.5750, 80.2290, 38.3170



117.3340, -87.8830, -53.7950

Square

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



148.5750, 80.2290, 38.3170



142.2980, 35.5860, -39.2140



124.3050, -106.1340, -36.9020



146.7430, -61.1670, 23.7370

Rectangle

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



148.5750, 80.2290, 38.3170



147.7570, 74.9190, -8.6410



124.3050, -106.1340, -36.9020



127.5890, -126.4040, -10.9480

Sweetspot

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



148.5750, 80.2290, 38.3170



223.5520, 25.1690, 11.9290



155.5350, 26.1210, 71.7930



108.2410, 15.6790, 7.7030



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.



148.5750, 80.2290, 38.3170



131.3110, 98.8880, 47.0800



174.7160, 74.1370, 5.5370



116.1150, 7.1060, 3.3780



59.9310, 103.0140, 49.3980



19.3790, 33.1460, 16.0420

Inverse Universe

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



148.5750, 80.2290, 38.3170



131.3110, 98.8880, 47.0800



176.2840, -74.1370, -5.5370



116.1150, 7.1060, 3.3780



59.9310, 103.0140, 49.3980



19.3790, 33.1460, 16.0420

Previews

White Background



This preview shows how the YIQ color 148.5750, 80.2290, 38.3170 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 148.5750, 80.2290, 38.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

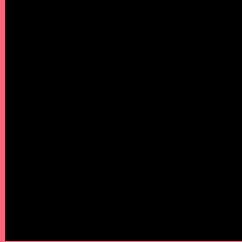
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.5750, 80.2290, 38.3170

Background



This preview shows how black text looks on a background with the YIQ color 148.5750, 80.2290, 38.3170.



This preview shows how white text looks on a background with the YIQ color 148.5750, 80.2290,

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

148.5750, 80.2290, 38.3170

Protanopia

152.0820, 2.7050, 0.5370

Deuteranopia

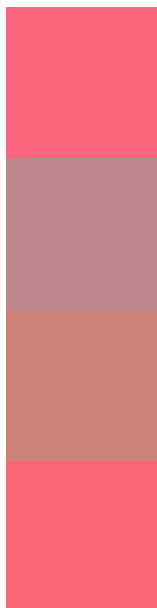
152.3760, 28.0600, -1.9240



Tritanopia

147.8540, 83.5770, 32.7050

Trichromacy



Original Color

148.5750, 80.2290, 38.3170

Protanomaly

150.6560, 30.8080, 14.3600

Deuteranomaly

151.1000, 46.9930, 12.8890

Tritanomaly

147.8370, 82.2470, 34.7830

Monochromacy



Original Color

148.5750, 80.2290, 38.3170

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7590, 29.0200, 13.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5750, 80.2290, 38.3170 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(249, 102, 125)` looks like.

```
.text, #text, p{  
    color:rgb(249, 102, 125)  
}
```

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(249, 102, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 102, 125) }
```

Border

The CSS property to change the border of an element to YIQ 148.5750, 80.2290, 38.3170 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(249, 102, 125) }
```


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

```
.border{ border-color:rgb(249, 102, 125) }
```

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

Here you see how a box with a 4 pixel rgb(249, 102, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 102, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 102, 125);  
box-shadow:4px 4px 4px 4px rgb(249, 102,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5750, 80.2290, 38.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 102, 125) }
```

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

```
.background{ background-color: rgb(249,  
102, 125) }
```

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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