

Converting Colors

YIQ(163.4900, 64.4110, 38.6430)

Have a look what the booklet for
YIQ(163.4900, 64.4110, 38.6430)
contains.

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Color

**YIQ(163.4900, 64.4110,
38.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	F9799E
RGB	249, 121, 158
RGB Percent	98%, 47%, 62%
CMY	0.0232, 0.5257, 0.3802
CMYK	0.00, 0.51, 0.37, 0.02
HSL	343°, 92%, 73%
HSV	343°, 51%, 98%
XYZ	52.1041, 36.2874, 36.6319
YIQ	163.4900, 64.4110, 38.6430

Conversions

Conversions Part 2

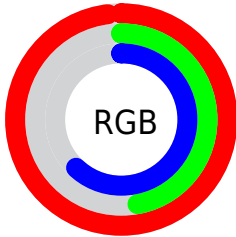
Format	Color
R_{YB}	249, 121, 158
Decimal	16349598
CIE Lab	66.74, 52.58, 3.55
CIE LCh	67, 52.698, 3.865
Yxy	36.2874, 0.4168, 0.2902
Android (android.graphics.Color)	4294539678 (0xFFFF9799E)
YUV	163.4900, -2.7066, 74.9923
Hunter-Lab	60.2390, 48.9763, 6.1126

Details

The YIQ color **163.4900, 64.4110, 38.6430** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **206.5100, -64.4110, -38.6430**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3120, 35.2530, 27.4210**, and **107.4510, 60.1470, 38.8270** is the 20% darker color. If you saturate the color by 10%, you get **146.7630, 77.0640, 46.1200**, and if you desaturate by 10%, it is **180.2170, 51.7580, 31.1660**.

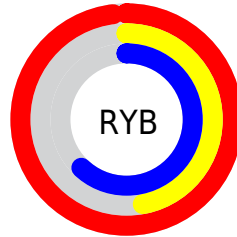
Distribution



Red (98%)

Green (47%)

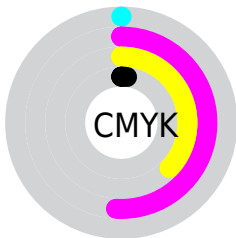
Blue (62%)



Red (98%)

Yellow (47%)

Blue (62%)

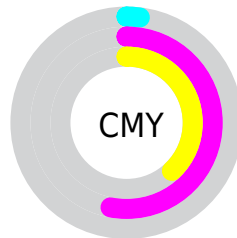


Cyan (0%)

Magenta (51%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.4900, 64.4110, 38.6430 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 163.4900, 64.4110, 38.6430 by changing the saturation by 10% instead.


 163.4900, 64.4110,
38.6430


 163.4900, 64.4110,
38.6430


255.0000, -0.0000,
-0.0000

 135.7070, 62.3020,
38.3180


 204.4260, 34.9320,
27.7320


 107.4510, 60.1470,
38.8270


 224.0540, 18.2440,
21.7960

 79.0210, 58.5420,
40.3820

 242.6730, 5.7750,
10.9830

 46.0090, 58.8160,
46.4320

 35.1290, 49.1900,
33.6540

 24.4770, 38.9220,
21.4980

 14.8790, 28.5620,

11.0100

■ 0.0000, 0.0000,
0.0000

■ 163.4900, 64.4110,
38.6430

■ 163.4900, 64.4110,
38.6430

■ 146.7630, 77.0640,
46.1200

■ 180.2170, 51.7580,
31.1660

■ 130.1500, 89.3960,
53.9080

■ 196.8300, 39.4260,
23.3780

■ 113.4230,
102.0490, 61.3850

■ 213.5570, 26.7730,
15.9010

■ 96.6960, 114.7020,
68.8620

■ 230.2840, 14.1200,
8.4240

■ 82.6590, 125.2920,
75.1800

■ 246.4240, 1.7420,
1.4700

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.



166.3680, 32.8200, 43.9880



163.4900, 64.4110, 38.6430



161.4580, 75.4640, 20.0400

Triad

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



163.4900, 64.4110, 38.6430



151.9110, 6.0590, -38.2370



132.6440, -128.2370, -16.2770

Complementary

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



163.4900, 64.4110, 38.6430



206.5100, -64.4110, -38.6430

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.



132.9910, -119.5690, -30.2010



163.4900, 64.4110, 38.6430



141.0200, -48.5920, -44.4960

Square

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



163.4900, 64.4110, 38.6430



157.2920, 44.8910, -26.1250



128.2200, -104.7570, -45.3410



151.0410, -77.1660, 10.8180

Rectangle

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



163.4900, 64.4110, 38.6430



160.8790, 72.1200, 3.5440



128.2200, -104.7570, -45.3410



133.3790, -126.1730, -20.6450

Sweetspot

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



163.4900, 64.4110, 38.6430



229.6160, 19.1170, 11.4770



162.5020, 12.5520, 58.8880



112.5610, 11.7820, 6.7420



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.



163.4900, 64.4110, 38.6430



149.4860, 79.4020, 47.8020



174.5340, 69.1380, 13.5380



116.3430, 6.4640, 4.0000



62.7810, 94.9890, 57.1730



20.2910, 30.5780, 18.5300

Inverse Universe

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



163.4900, 64.4110, 38.6430



149.4860, 79.4020, 47.8020



195.4660, -69.1380, -13.5380



116.3430, 6.4640, 4.0000



62.7810, 94.9890, 57.1730



20.2910, 30.5780, 18.5300

Previews

White Background



This preview shows how the YIQ color 163.4900, 64.4110, 38.6430 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 163.4900, 64.4110, 38.6430 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 163.4900, 64.4110, 38.6430

Background



This preview shows how black text looks on a background with the YIQ color 163.4900, 64.4110, 38.6430.



This preview shows how white text looks on a background with the YIQ color 163.4900, 64.4110,

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

163.4900, 64.4110, 38.6430

Protanopia

163.6820, -7.6120, 5.7960

Deuteranopia

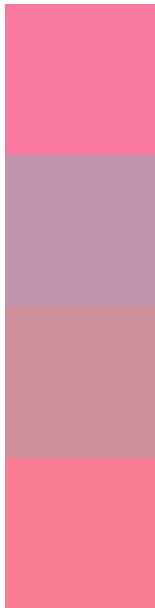
163.9050, 16.5050, 3.7450



Tritanopia

162.5040, 69.8230, 28.6630

Trichromacy



Original Color

163.4900, 64.4110, 38.6430

Protanomaly

163.4190, 18.4740, 17.6260

Deuteranomaly

163.6780, 33.7420, 16.2540

Tritanomaly

163.2420, 67.8050, 32.1970

Monochromacy



Original Color

163.4900, 64.4110, 38.6430

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.2360, 23.2430, 13.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.4900, 64.4110, 38.6430 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, 121, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 121, 158)  
}
```

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, 121, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 121, 158) }
```

Border

The CSS property to change the border of an element to YIQ 163.4900, 64.4110, 38.6430 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, 121, 158) }
```


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

```
.border{ border-color:rgb(249, 121, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 121, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 121, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 121, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 121,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 163.4900, 64.4110, 38.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 121, 158) }
```

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

```
.background{ background-color: rgb(249,  
121, 158) }
```

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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