

Converting Colors

YIQ(169.5360, 58.7700, 47.2660)

Have a look what the booklet for
YIQ(169.5360, 58.7700, 47.2660)
contains.

YIQ(169.5360, 58.7700, 47.2660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(169.5360, 58.7700,
47.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7BB9
RGB	255, 123, 185
RGB Percent	100%, 48%, 73%
CMY	0.0000, 0.5178, 0.2743
CMYK	0.00, 0.52, 0.27, 0.00
HSL	332°, 100%, 74%
HSV	332°, 52%, 100%
XYZ	57.0780, 38.9170, 50.4285
YIQ	169.5360, 58.7700, 47.2660

Conversions

Conversions Part 2

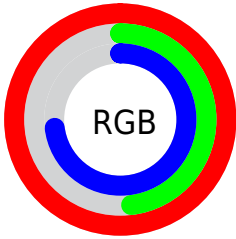
Format	Color
R_{YB}	255, 123, 185
Decimal	16743353
CIE Lab	68.69, 56.79, -8.72
CIE LCh	69, 57.457, 351.270
Yxy	38.9170, 0.3898, 0.2658
Android (android.graphics.Color)	4294933433 (0xFFFF7BB9)
YUV	169.5360, 7.6238, 74.9519
Hunter-Lab	62.3835, 54.1483, -4.2594

Details

The YIQ color **169.5360, 58.7700, 47.2660** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.4640, -58.7700, -47.2660**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.7920, 25.3940, 35.3940**, and **112.6820, 55.4230, 47.3510** is the 20% darker color. If you saturate the color by 10%, you get **152.7920, 70.0930, 56.8210**, and if you desaturate by 10%, it is **185.8070, 47.4010, 38.5450**.

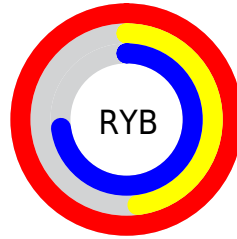
Distribution



Red (100%)

Green (48%)

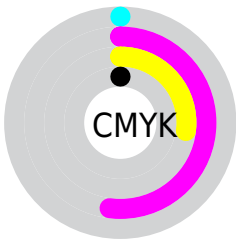
Blue (73%)



Red (100%)

Yellow (48%)

Blue (73%)

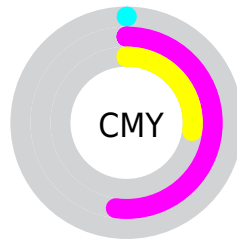


Cyan (0%)

Magenta (52%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.5360, 58.7700, 47.2660 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 169.5360, 58.7700, 47.2660 by changing the saturation by 10% instead.


 169.5360, 58.7700,
47.2660


 169.5360, 58.7700,
47.2660


255.0000, -0.0000,
-0.0000


 141.0520, 57.2570,
47.1530


 208.7920, 25.3940,
35.3940


 112.6820, 55.4230,
47.3510


 227.4110, 12.9250,
24.5810

 83.5510, 54.4140,
49.1180

 244.4340, 4.9500,
9.4140

 50.4250, 55.0090,
54.8570

 39.4310, 45.7040,
41.7680

 28.5510, 36.0780,
28.9900

 18.9810, 28.5150,

17.3710

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 169.5360, 58.7700,
47.2660

■ 169.5360, 58.7700,
47.2660

■ 152.7920, 70.0930,
56.8210

■ 185.8070, 47.4010,
38.5450

■ 136.5210, 81.4620,
65.5420

■ 202.5510, 36.0780,
28.9900

■ 119.7770, 92.7850,
75.0970

■ 218.8220, 24.7090,
20.2690

■ 103.5060,
104.1540, 83.8180

■ 235.5660, 13.3860,
10.7140

■ 89.9250, 113.4600,
91.3800

■ 251.8370, 2.0170,
1.9930

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.



172.7390, 15.7180, 45.5580



169.5360, 58.7700, 47.2660



164.1950, 75.1870, 30.5710

Triad

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



169.5360, 58.7700, 47.2660



158.4480, 26.4160, -38.2240



139.2150, -131.5830, -21.7190

Complementary

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



169.5360, 58.7700, 47.2660



208.4640, -58.7700, -47.2660

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.



136.5470, -118.5590, -37.4950



169.5360, 58.7700, 47.2660



150.1720, -25.7130, -46.1370

Square

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



169.5360, 58.7700, 47.2660



163.2510, 61.3040, -20.7120



129.8040, -100.9500, -53.7660



133.5560, -130.8050, -13.7890

Rectangle

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



169.5360, 58.7700, 47.2660



165.5310, 82.3880, 15.7000



129.8040, -100.9500, -53.7660



138.9070, -127.9600, -26.8080

Sweetspot

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



169.5360, 58.7700, 47.2660



228.4250, 18.3370, 14.6010



158.3800, -1.8440, 55.4680



111.8430, 11.0480, 9.0320



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.



169.5360, 58.7700, 47.2660



152.6780, 70.4140, 56.5100



163.6420, 78.1220, 26.9380



119.5710, 5.8220, 4.6220



67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Inverse Universe

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



169.5360, 58.7700, 47.2660



152.6780, 70.4140, 56.5100



214.3580, -78.1220, -26.9380



119.5710, 5.8220, 4.6220



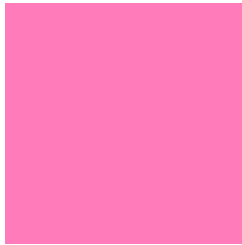
67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 169.5360, 58.7700, 47.2660 looks on a white background.

Color Contrast Check

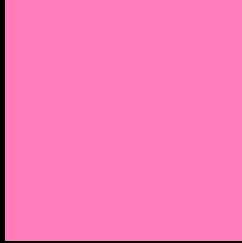
Large Text (above 18pt) WCAG AA × Fail

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 169.5360, 58.7700, 47.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

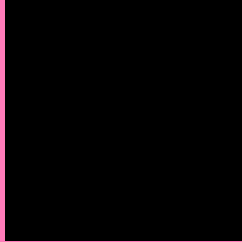
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.5360, 58.7700, 47.2660

Background



This preview shows how black text looks on a background with the YIQ color 169.5360, 58.7700, 47.2660.



This preview shows how white text looks on a background with the YIQ color 169.5360, 58.7700,

47.2660.

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

169.5360, 58.7700, 47.2660

Protanopia

168.4820, -21.3680, 12.8080

Deuteranopia

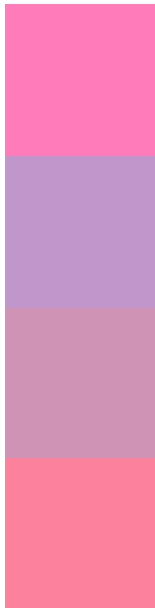
169.4940, 4.7210, 8.0570



Tritanopia

168.6070, 68.0350, 28.0270

Trichromacy



Original Color

169.5360, 58.7700, 47.2660

Protanomaly

168.6000, 8.0190, 25.3870

Deuteranomaly

169.4030, 24.5710, 22.7710

Tritanomaly

168.9690, 64.3200, 34.7840

Monochromacy



Original Color

169.5360, 58.7700, 47.2660

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8600, 21.5460, 17.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.5360, 58.7700, 47.2660 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, 123, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 185)  
}
```

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, 123, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 185) }
```

Border

The CSS property to change the border of an element to YIQ 169.5360, 58.7700, 47.2660 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, 123, 185) }
```


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

```
.border{ border-color:rgb(255, 123, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 169.5360, 58.7700, 47.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 185) }
```

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

```
.background{ background-color: rgb(255,  
123, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor