

Converting Colors

YIQ(166.9980, 57.3490, 45.4850)

Have a look what the booklet for
YIQ(166.9980, 57.3490, 45.4850)
contains.

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Color

**YIQ(166.9980, 57.3490,
45.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7AB5
RGB	250, 122, 181
RGB Percent	98%, 48%, 71%
CMY	0.0193, 0.5218, 0.2900
CMYK	0.00, 0.51, 0.28, 0.02
HSL	332°, 93%, 73%
HSV	332°, 51%, 98%
XYZ	54.7537, 37.5841, 48.1096
YIQ	166.9980, 57.3490, 45.4850

Conversions

Conversions Part 2

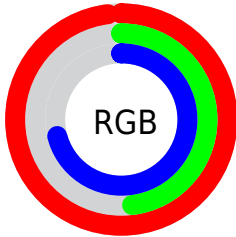
Format	Color
R _Y B	250, 122, 181
Decimal	16415413
CIE Lab	67.71, 55.20, -8.00
CIE LCh	68, 55.778, 351.756
Yxy	37.5841, 0.3899, 0.2676
Android (android.graphics.Color)	4294605493 (0xFFFA7AB5)
YUV	166.9980, 6.9030, 72.7928
Hunter-Lab	61.3058, 52.1374, -3.6136

Details

The YIQ color **166.9980, 57.3490, 45.4850** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.0020, -57.3490, -45.4850**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.7490, 26.9530, 34.6730**, and **110.7310, 53.7270, 45.0470** is the 20% darker color. If you saturate the color by 10%, you get **150.8410, 68.3970, 54.5170**, and if you desaturate by 10%, it is **183.2690, 45.9800, 36.7640**.

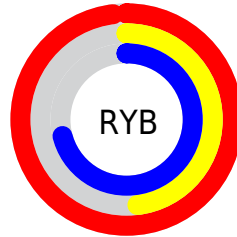
Distribution



Red (98%)

Green (48%)

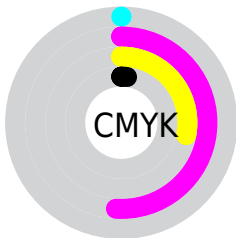
Blue (71%)



Red (98%)

Yellow (48%)

Blue (71%)

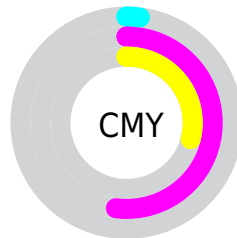


Cyan (0%)

Magenta (51%)

Yellow (28%)

Black (2%)



Cyan (2%)


Magenta (52%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.9980, 57.3490, 45.4850 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 166.9980, 57.3490, 45.4850 by changing the saturation by 10% instead.


 166.9980, 57.3490,
45.4850


 166.9980, 57.3490,
45.4850


255.0000, -0.0000,
-0.0000

 138.5140, 55.8360,
45.3720


 207.7490, 26.9530,
34.6730


 111.0300, 54.3230,
45.2590


 226.2370, 13.4750,
25.6270

 81.8990, 53.3140,
47.0260

 243.8470, 5.2250,
9.9370

 48.7730, 53.9090,
52.7650

 37.7790, 44.6040,
39.6760

 27.0130, 34.6570,
27.2090

 17.2150, 27.7360,

14.9680

■ 1.7940, 3.5760,
1.2720

■ 0.0000, 0.0000,
0.0000

■ 166.9980, 57.3490,
45.4850

■ 166.9980, 57.3490,
45.4850

■ 150.8410, 68.3970,
54.5170

■ 183.2690, 45.9800,
36.7640

■ 134.5700, 79.7660,
63.2380

■ 199.4260, 34.9320,
27.7320

■ 118.4130, 90.8140,
72.2700

■ 215.5830, 23.8840,
18.7000

■ 102.1420,
102.1830, 80.9910

■ 231.8540, 12.5150,
9.9790

■ 87.8600, 112.0850,
88.7650

■ 248.0110, 1.4670,
0.9470

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



170.0980, 16.0850, 44.4130



166.9980, 57.3490, 45.4850



163.3800, 76.1040, 30.4720

Triad

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



166.9980, 57.3490, 45.4850



156.0180, 24.8110, -36.6690



136.2970, -128.8780, -21.1820

Complementary

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



166.9980, 57.3490, 45.4850



205.0020, -57.3490, -45.4850

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.



134.4440, -116.7710, -36.8590



166.9980, 57.3490, 45.4850



148.1120, -25.4840, -44.7800

Square

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



166.9980, 57.3490, 45.4850



160.4080, 59.4240, -19.6800



127.9290, -99.8040, -52.5080



131.7950, -129.9800, -12.2200

Rectangle

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



166.9980, 57.3490, 45.4850



163.3350, 80.0040, 14.8520



127.9290, -99.8040, -52.5080



136.1030, -125.5760, -25.9600

Sweetspot

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



166.9980, 57.3490, 45.4850



230.3000, 17.1910, 13.3430



156.9240, -0.5600, 54.2240



113.0170, 10.4980, 7.9860



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.



166.9980, 57.3490, 45.4850



153.8520, 69.8640, 55.4640



162.6200, 75.1880, 25.0440



116.5710, 5.8220, 4.6220



66.4290, 84.7170, 67.1250



21.4310, 27.3680, 21.6400

Inverse Universe

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



166.9980, 57.3490, 45.4850



153.8520, 69.8640, 55.4640



209.3800, -75.1880, -25.0440



116.5710, 5.8220, 4.6220



66.4290, 84.7170, 67.1250



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 166.9980, 57.3490, 45.4850 looks on a white background.

Color Contrast Check

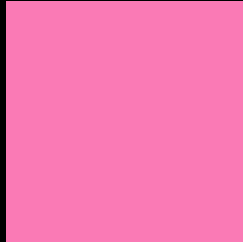
Large Text (above 18pt) WCAG AA × Fail

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 166.9980, 57.3490, 45.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

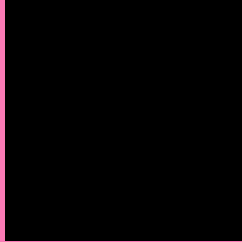
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.9980, 57.3490, 45.4850

Background



This preview shows how black text looks on a background with the YIQ color 166.9980, 57.3490, 45.4850.



This preview shows how white text looks on a background with the YIQ color 166.9980, 57.3490,

45.4850.

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

166.9980, 57.3490, 45.4850

Protanopia

166.0260, -20.0840, 11.5640

Deuteranopia

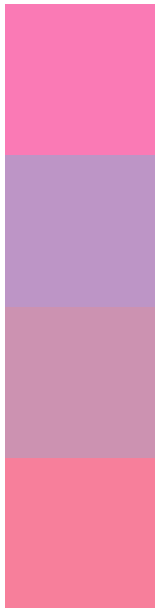
166.7930, 5.3170, 8.2690



Tritanopia

165.8240, 65.9260, 27.7020

Trichromacy



Original Color

166.9980, 57.3490, 45.4850

Protanomaly

166.5460, 8.1110, 23.7190

Deuteranomaly

166.8760, 24.6170, 21.9370

Tritanomaly

166.0720, 62.5320, 34.1480

Monochromacy



Original Color

166.9980, 57.3490, 45.4850

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.1480, 20.6750, 16.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.9980, 57.3490, 45.4850 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(250, 122, 181)` looks like.

```
.text, #text, p{  
    color:rgb(250, 122, 181)  
}
```

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(250, 122, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 122, 181) }
```

Border

The CSS property to change the border of an element to YIQ 166.9980, 57.3490, 45.4850 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(250, 122, 181) }
```


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

```
.border{ border-color:rgb(250, 122, 181) }
```

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

Here you see how a box with a 4 pixel rgb(250, 122, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 122, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 122, 181);  
box-shadow:4px 4px 4px 4px rgb(250, 122,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 166.9980, 57.3490, 45.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 122, 181) }
```

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

```
.background{ background-color: rgb(250,  
122, 181) }
```

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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