

Converting Colors

YIQ(184.9450, 38.5050, 45.5850)

Have a look what the booklet for
YIQ(184.9450, 38.5050, 45.5850)
contains.

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Color

**YIQ(184.9450, 38.5050,
45.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	FA91DC
RGB	250, 145, 220
RGB Percent	98%, 57%, 86%
CMY	0.0193, 0.4315, 0.1372
CMYK	0.00, 0.42, 0.12, 0.02
HSL	317°, 91%, 77%
HSV	317°, 42%, 98%
XYZ	62.4916, 45.7439, 73.2627
YIQ	184.9450, 38.5050, 45.5850

Conversions

Conversions Part 2

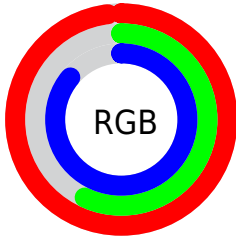
Format	Color
R_{YB}	250, 145, 220
Decimal	16421340
CIE _{Lab}	73.38, 49.52, -21.15
CIE _{LCh}	73, 53.849, 336.869
Yxy	45.7439, 0.3443, 0.2520
Android (android.graphics.Color)	4294611420 (0xFFFA91DC)
YUV	184.9450, 17.2821, 57.0532
Hunter-Lab	67.6343, 46.5676, -16.8801

Details

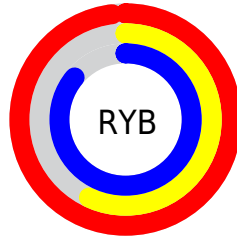
The YIQ color **184.9450, 38.5050, 45.5850** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.0550, -38.5050, -45.5850**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3020, 14.8500, 28.2420**, and **129.6350, 36.4420, 44.4260** is the 20% darker color. If you saturate the color by 10%, you get **169.4720, 47.6270, 56.4830**, and if you desaturate by 10%, it is **200.4180, 29.3830, 34.6870**.

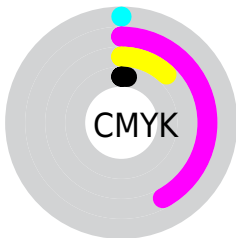
Distribution



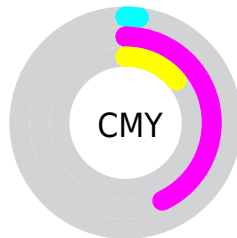
- Red (98%)
- Green (57%)
- Blue (86%)



- Red (98%)
- Yellow (57%)
- Blue (86%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 184.9450, 38.5050, 45.5850 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 184.9450, 38.5050, 45.5850 by changing the saturation by 10% instead.


 184.9450, 38.5050,
45.5850

 184.9450, 38.5050,
45.5850


255.0000, -0.0000,
-0.0000


 157.2330, 37.6340,
44.8500


 223.3020, 14.8500,
28.2420


 129.6350, 36.4420,
44.4260

 240.3250, 6.8750,
13.0750

 102.6240, 34.9750,
43.4790

 75.2650, 34.6080,
44.6240

 42.6230, 36.7160,
50.4760

 31.9280, 28.0070,
37.5990

 21.8310, 20.4900,

25.1460

■ 11.3640, 11.1390,
12.8910

■ 0.0000, 0.0000,
0.0000

■ 184.9450, 38.5050,
45.5850

■ 184.9450, 38.5050,
45.5850

■ 169.4720, 47.6270,
56.4830

■ 200.4180, 29.3830,
34.6870

■ 153.9990, 56.7490,
67.3810

■ 215.8910, 20.2610,
23.7890

■ 138.5260, 65.8710,
78.2790

■ 231.3640, 11.1390,
12.8910

■ 122.9390, 75.3140,
88.8660

■ 246.9510, 1.6960,
2.3040

■ 107.4660, 84.4360,
99.7640

■ 253.5050, -2.9800,
-1.0600

■ 95.1560, 91.5410,
108.6690

Harmonies

Analogous

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



184.2520, -8.0760, 36.2440



184.9450, 38.5050, 45.5850



176.7450, 59.1390, 35.0670

Triad

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



184.9450, 38.5050, 45.5850



174.3410, 43.1950, -28.4290



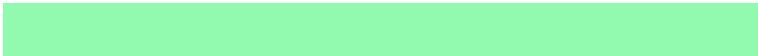
146.2930, -132.2230, -32.1510

Complementary

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



184.9450, 38.5050, 45.5850



210.0550, -38.5050, -45.5850

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.



141.9950, -117.3650, -48.1250



184.9450, 38.5050, 45.5850



168.7040, 2.2080, -40.0320

Square

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



184.9450, 38.5050, 45.5850



178.1740, 69.3710, -7.2130



156.9590, -55.7900, -46.2060



144.1220, -135.7550, -23.2030

Rectangle

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



184.9450, 38.5050, 45.5850



175.3310, 68.6320, 22.7120



156.9590, -55.7900, -46.2060



145.7570, -127.9580, -37.8620

Sweetspot

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



184.9450, 38.5050, 45.5850



234.6030, 11.9640, 14.4600



165.9400, -15.8250, 39.0150



114.9890, 7.7010, 9.1170



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.



184.9450, 38.5050, 45.5850



176.3470, 46.4810, 55.2250



179.0170, 55.1970, 29.4130



116.9130, 4.8590, 5.5550



71.9010, 69.3090, 82.0530



23.2550, 22.2320, 26.6160

Inverse Universe

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



184.9450, 38.5050, 45.5850



176.3470, 46.4810, 55.2250



215.9830, -55.1970, -29.4130



116.9130, 4.8590, 5.5550



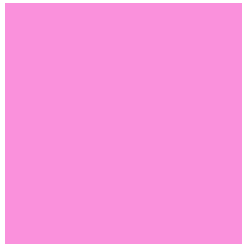
71.9010, 69.3090, 82.0530



23.2550, 22.2320, 26.6160

Previews

White Background



This preview shows how the YIQ color 184.9450, 38.5050, 45.5850 looks on a white background.

Color Contrast Check

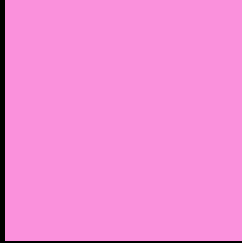
Large Text (above 18pt) WCAG AA × Fail

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 184.9450, 38.5050, 45.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

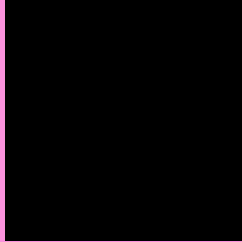
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.9450, 38.5050, 45.5850

Background



This preview shows how black text looks on a background with the YIQ color 184.9450, 38.5050, 45.5850.



This preview shows how white text looks on a background with the YIQ color 184.9450, 38.5050,

45.5850.

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

184.9450, 38.5050, 45.5850

Protanopia

180.7400, -30.7220, 17.1340

Deuteranopia

182.1260, -8.6220, 13.0900



Tritanopia

183.5660, 48.9170, 22.0770

Trichromacy



Original Color

184.9450, 38.5050, 45.5850



Protanomaly

182.2380, -5.4610, 27.3950



Deuteranomaly

183.3720, 8.6610, 24.7650



Tritanomaly

183.9820, 45.1100, 30.5020

Monochromacy



Original Color

184.9450, 38.5050, 45.5850



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.8530, 14.2560, 16.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.9450, 38.5050, 45.5850 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, 145, 220)` looks like.

```
.text, #text, p{  
    color:rgb(250, 145, 220)  
}
```

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, 145, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 145, 220) }
```

Border

The CSS property to change the border of an element to YIQ 184.9450, 38.5050, 45.5850 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, 145, 220) }
```


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

```
.border{ border-color:rgb(250, 145, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 145, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 145, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 145, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 145,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 184.9450, 38.5050, 45.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 145, 220) }
```

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

```
.background{ background-color: rgb(250,  
145, 220) }
```

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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