

Converting Colors

YIQ(177.0180, 45.4290, 41.2450)

Have a look what the booklet for
YIQ(177.0180, 45.4290, 41.2450)
contains.

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Color

**YIQ(177.0180, 45.4290,
41.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	F68AC5
RGB	246, 138, 197
RGB Percent	96%, 54%, 77%
CMY	0.0350, 0.4590, 0.2273
CMYK	0.00, 0.44, 0.20, 0.03
HSL	327°, 86%, 75%
HSV	327°, 44%, 97%
XYZ	57.1963, 41.8031, 57.8982
YIQ	177.0180, 45.4290, 41.2450

Conversions

Conversions Part 2

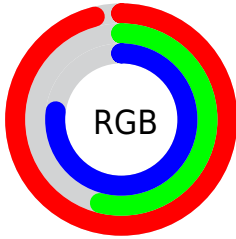
Format	Color
R_{YB}	246, 138, 197
Decimal	16157381
CIE _{Lab}	70.73, 48.27, -12.49
CIE _{LCh}	71, 49.862, 345.496
Yxy	41.8031, 0.3645, 0.2664
Android (android.graphics.Color)	4294347461 (0xFFFF68AC5)
YUV	177.0180, 9.8511, 60.4972
Hunter-Lab	64.6554, 44.7602, -7.8348

Details

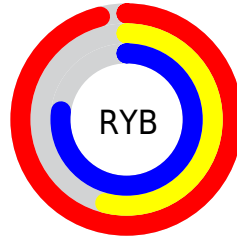
The YIQ color **177.0180, 45.4290, 41.2450** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.9820, -45.4290, -41.2450**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0790, 17.0960, 31.5920**, and **121.8220, 43.0450, 40.3970** is the 20% darker color. If you saturate the color by 10%, you get **161.0890, 55.8350, 50.8990**, and if you desaturate by 10%, it is **192.9470, 35.0230, 31.5910**.

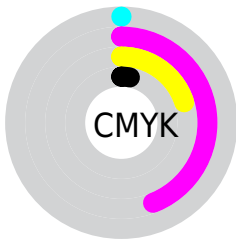
Distribution



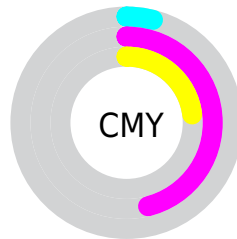
- Red (96%)
- Green (54%)
- Blue (77%)



- Red (96%)
- Yellow (54%)
- Blue (77%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (3%)





- Cyan (4%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.0180, 45.4290, 41.2450 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 177.0180, 45.4290, 41.2450 by changing the saturation by 10% instead.


 177.0180, 45.4290,
41.2450

 177.0180, 45.4290,
41.2450


255.0000, -0.0000,
-0.0000


 149.4200, 44.2370,
40.8210


 219.0790, 17.0960,
31.5920


 121.8220, 43.0450,
40.3970


 235.6290, 9.0750,
17.2590

 95.0390, 40.9360,
40.0720

 252.6520, 1.1000,
2.0920

 66.7940, 40.2480,
41.5280

 38.9620, 39.8350,
43.5070

 28.6800, 31.4010,
31.1530

 19.2240, 23.5170,

19.8450

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 177.0180, 45.4290,
41.2450

■ 177.0180, 45.4290,
41.2450

■ 161.0890, 55.8350,
50.8990

■ 192.9470, 35.0230,
31.5910

■ 145.7470, 65.9660,
60.0300

■ 208.2890, 24.8920,
22.4600

■ 129.8180, 76.3720,
69.6840

■ 224.3320, 14.1650,
13.1170

■ 114.3620, 86.8240,
78.5040

■ 239.6740, 4.0340,
3.9860

■ 98.4330, 97.2300,
88.1580

■ 252.0810, -4.7220,
-2.5300

■ 88.8300, 103.6020,
93.8260

■ 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



178.1350, 5.4950, 38.0950



177.0180, 45.4290, 41.2450



173.2910, 66.1090, 29.8930

Triad

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



177.0180, 45.4290, 41.2450



166.7570, 30.2200, -30.0680



140.3090, -129.1520, -27.2320

Complementary

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



177.0180, 45.4290, 41.2450



206.9820, -45.4290, -41.2450

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.



137.3960, -116.8160, -41.5520



177.0180, 45.4290, 41.2450



160.8150, -11.2260, -38.8580

Square

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



177.0180, 45.4290, 41.2450



170.7380, 58.7350, -12.6970



146.7000, -71.0580, -44.8340



137.0780, -132.4550, -16.9270

Rectangle

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



177.0180, 45.4290, 41.2450



173.3220, 72.8510, 17.8350



146.7000, -71.0580, -44.8340



140.0010, -125.5290, -32.3210

Sweetspot

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



177.0180, 45.4290, 41.2450



233.9190, 13.8900, 12.5940



164.9630, -5.4640, 43.9760



114.5330, 8.9850, 7.8730



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.



177.0180, 45.4290, 41.2450



168.8010, 56.7060, 51.6340



170.8620, 62.7630, 24.4510



114.3860, 4.9050, 4.7210



67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Inverse Universe

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



177.0180, 45.4290, 41.2450



168.8010, 56.7060, 51.6340



213.1380, -62.7630, -24.4510



114.3860, 4.9050, 4.7210



67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Previews

White Background



This preview shows how the YIQ color 177.0180, 45.4290, 41.2450 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 177.0180, 45.4290, 41.2450 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 177.0180, 45.4290, 41.2450

Background



This preview shows how black text looks on a background with the YIQ color 177.0180, 45.4290, 41.2450.



This preview shows how white text looks on a background with the YIQ color 177.0180, 45.4290,

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

177.0180, 45.4290, 41.2450

Protanopia

174.4820, -21.3680, 12.8080

Deuteranopia

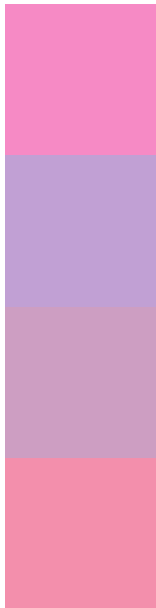
175.5090, 0.3650, 9.9090



Tritanopia

175.9580, 53.6850, 23.7730

Trichromacy



Original Color

177.0180, 45.4290, 41.2450

Protanomaly

175.7950, 2.9760, 23.1680

Deuteranomaly

176.1570, 16.4560, 21.1600

Tritanomaly

176.2060, 50.2910, 30.2190

Monochromacy



Original Color

177.0180, 45.4290, 41.2450

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0550, 16.5030, 14.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0180, 45.4290, 41.2450 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(246, 138, 197)` looks like.

```
.text, #text, p{  
    color:rgb(246, 138, 197)  
}
```

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(246, 138, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 138, 197) }
```

Border

The CSS property to change the border of an element to YIQ 177.0180, 45.4290, 41.2450 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(246, 138, 197) }
```


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

```
.border{ border-color:rgb(246, 138, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 138, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 138, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 138, 197);  
box-shadow:4px 4px 4px 4px rgb(246, 138,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0180, 45.4290, 41.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 138, 197) }
```

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

```
.background{ background-color: rgb(246,  
138, 197) }
```

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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