

Converting Colors

YIQ(168.7500, 43.5480, 47.8040)

Have a look what the booklet for
YIQ(168.7500, 43.5480, 47.8040)
contains.

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Color

**YIQ(168.7500, 43.5480,
47.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	F07ECA
RGB	240, 126, 202
RGB Percent	94%, 49%, 79%
CMY	0.0585, 0.5060, 0.2077
CMYK	0.00, 0.48, 0.16, 0.06
HSL	320°, 79%, 72%
HSV	320°, 48%, 94%
XYZ	54.0816, 37.7146, 60.3244
YIQ	168.7500, 43.5480, 47.8040

Conversions

Conversions Part 2

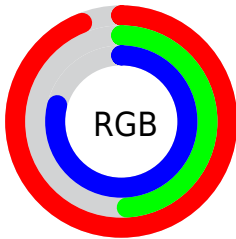
Format	Color
R _Y B	240, 126, 202
Decimal	15761098
CIE _{Lab}	67.81, 53.08, -19.76
CIE _{LCh}	68, 56.636, 339.576
Y _{xy}	37.7146, 0.3555, 0.2479
Android (android.graphics.Color)	4293951178 (0xFFFF07ECA)
YUV	168.7500, 16.3923, 62.4863
Hunter-Lab	61.4122, 49.7215, -15.2512

Details

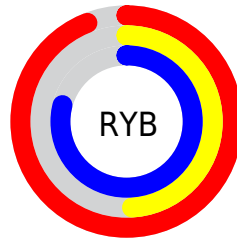
The YIQ color **168.7500, 43.5480, 47.8040** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **197.2500, -43.5480, -47.8040**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.1490, 20.0750, 38.1790**, and **113.5540, 41.1640, 46.9560** is the 20% darker color. If you saturate the color by 10%, you get **153.7500, 52.7160, 57.8680**, and if you desaturate by 10%, it is **183.7500, 34.3800, 37.7400**.

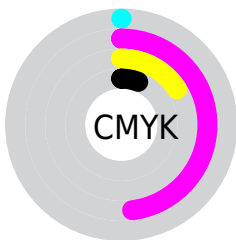
Distribution



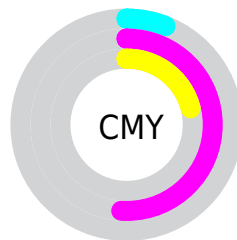
- Red (94%)
- Green (49%)
- Blue (79%)



- Red (94%)
- Yellow (49%)
- Blue (79%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.7500, 43.5480, 47.8040 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 168.7500, 43.5480, 47.8040 by changing the saturation by 10% instead.


 168.7500, 43.5480,
47.8040


 168.7500, 43.5480,
47.8040


255.0000, -0.0000,
-0.0000


 141.1520, 42.3560,
47.3800


 211.5620, 20.3500,
38.7020


 113.5540, 41.1640,
46.9560


 228.5850, 12.3750,
23.5350

 85.4830, 39.9260,
47.3660

 245.6080, 4.4000,
8.3680

 51.6670, 42.5840,
54.2640

 37.6240, 34.9750,
43.4790

 27.2280, 26.8620,
30.8140

 17.6580, 19.2990,

19.1950

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 168.7500, 43.5480,
47.8040

■ 168.7500, 43.5480,
47.8040

■ 153.7500, 52.7160,
57.8680

■ 183.7500, 34.3800,
37.7400

■ 138.7500, 61.8840,
67.9320

■ 198.7500, 25.2120,
27.6760

■ 123.7500, 71.0520,
77.9960

■ 213.7500, 16.0440,
17.6120

■ 108.7500, 80.2200,
88.0600

■ 228.7500, 6.8760,
7.5480

■ 93.7500, 89.3880,
98.1240

■ 243.7500, -2.2920,
-2.5160

■ 90.0000, 91.6800,
100.6400

■ 249.9450, -7.3350,
-4.7350

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



169.7410, -4.9590, 40.3290



168.7500, 43.5480, 47.8040



163.8990, 70.5090, 38.2610

Triad

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



168.7500, 43.5480, 47.8040



158.4500, 41.2700, -32.0900



136.4620, -125.2090, -27.1050

Complementary

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



168.7500, 43.5480, 47.8040



197.2500, -43.5480, -47.8040

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.



132.7510, -110.6260, -43.6020



168.7500, 43.5480, 47.8040



152.3720, -2.7890, -43.0850

Square

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



168.7500, 43.5480, 47.8040



162.0660, 69.5550, -10.5490



132.4230, -77.8880, -53.2160



134.7300, -131.3550, -14.8350

Rectangle

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



168.7500, 43.5480, 47.8040



163.0720, 79.7270, 25.3830



132.4230, -77.8880, -53.2160



135.9260, -120.9440, -32.8160

Sweetspot

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



168.7500, 43.5480, 47.8040



232.5000, 13.7520, 15.0960



150.3580, -13.9460, 43.5100



114.1740, 8.6180, 9.0180



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.



168.7500, 43.5480, 47.8040



164.4130, 55.2830, 60.9070



162.2520, 61.8450, 30.0770



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Inverse Universe

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



168.7500, 43.5480, 47.8040



164.4130, 55.2830, 60.9070



203.7480, -61.8450, -30.0770



112.5000, 4.5840, 5.0320



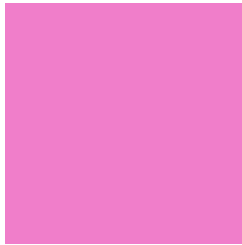
68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 168.7500, 43.5480, 47.8040 looks on a white background.

Color Contrast Check

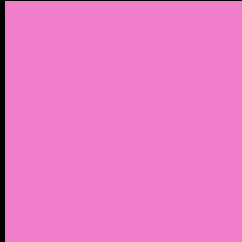
Large Text (above 18pt) WCAG AA × Fail

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 168.7500, 43.5480, 47.8040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

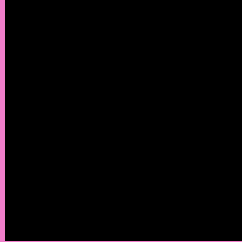
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.7500, 43.5480, 47.8040

Background



This preview shows how black text looks on a background with the YIQ color 168.7500, 43.5480, 47.8040.



This preview shows how white text looks on a background with the YIQ color 168.7500, 43.5480,

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

168.7500, 43.5480, 47.8040

Protanopia

165.4410, -31.3180, 16.9220

Deuteranopia

167.3710, -7.9340, 11.6340



Tritanopia

167.2570, 54.2810, 23.9850

Trichromacy



Original Color

168.7500, 43.5480, 47.8040



Protanomaly

166.8360, -4.2690, 27.8190



Deuteranomaly

168.0410, 11.0910, 24.7790



Tritanomaly

167.7870, 50.1530, 32.7210

Monochromacy



Original Color

168.7500, 43.5480, 47.8040



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.7500, 16.0440, 17.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7500, 43.5480, 47.8040 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(240, 126, 202)` looks like.

```
.text, #text, p{  
    color:rgb(240, 126, 202)  
}
```

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(240, 126, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 126, 202) }
```

Border

The CSS property to change the border of an element to YIQ 168.7500, 43.5480, 47.8040 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(240, 126, 202) }
```


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

```
.border{ border-color:rgb(240, 126, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 126, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 126, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 126, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 126,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7500, 43.5480, 47.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 126, 202) }
```

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

```
.background{ background-color: rgb(240,  
126, 202) }
```

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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