

Converting Colors

YIQ(167.5090, 54.2320, 41.4000)

Have a look what the booklet for
YIQ(167.5090, 54.2320, 41.4000)
contains.

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Color

**YIQ(167.5090, 54.2320,
41.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	F57EB2
RGB	245, 126, 178
RGB Percent	96%, 49%, 70%
CMY	0.0389, 0.5061, 0.3018
CMYK	0.00, 0.49, 0.27, 0.04
HSL	334°, 86%, 73%
HSV	334°, 49%, 96%
XYZ	53.1791, 37.5521, 46.5884
YIQ	167.5090, 54.2320, 41.4000

Conversions

Conversions Part 2

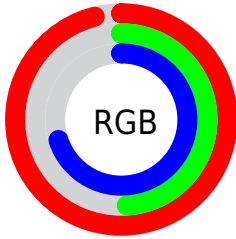
Format	Color
R_{YB}	245, 126, 178
Decimal	16088754
CIE Lab	67.69, 51.28, -6.42
CIE LCh	68, 51.677, 352.868
Yxy	37.5521, 0.3873, 0.2735
Android (android.graphics.Color)	4294278834 (0xFFFF57EB2)
YUV	167.5090, 5.1721, 67.9596
Hunter-Lab	61.2797, 47.6644, -2.1799

Details

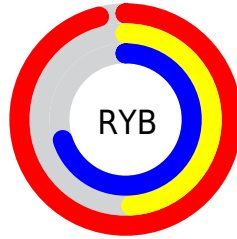
The YIQ color **167.5090, 54.2320, 41.4000** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.4910, -54.2320, -41.4000**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.1680, 27.0910, 32.1710**, and **112.1280, 50.9310, 40.6510** is the 20% darker color. If you saturate the color by 10%, you get **151.2380, 65.6010, 50.1210**, and if you desaturate by 10%, it is **183.1930, 43.1380, 33.2020**.

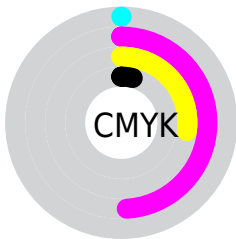
Distribution



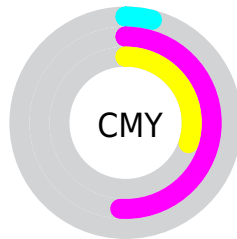
- Red (96%)
- Green (49%)
- Blue (70%)



- Red (96%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (49%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.5090, 54.2320, 41.4000 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 167.5090, 54.2320, 41.4000 by changing the saturation by 10% instead.

167.5090, 54.2320,
41.4000

167.5090, 54.2320,
41.4000

255.0000, -0.0000,
-0.0000

139.6120, 52.4440,
40.7640

209.1680, 27.0910,
32.1710

112.1280, 50.9310,
40.6510

228.5850, 12.3750,
23.5350

84.2850, 49.0510,
41.6830

245.6080, 4.4000,
8.3680

50.8710, 50.5170,
48.1570

36.3550, 42.8620,
38.2060

25.8880, 33.5110,
25.9510

15.8620, 27.2320,

13.0880

■ 0.0000, 0.0000,
0.0000

■ 167.5090, 54.2320,
41.4000

■ 167.5090, 54.2320,
41.4000

■ 151.2380, 65.6010,
50.1210

■ 183.1930, 43.1380,
33.2020

■ 135.5540, 76.6950,
58.3190

■ 199.4640, 31.7690,
24.4810

■ 119.3970, 87.7430,
67.3510

■ 215.0340, 20.9960,
15.9720

■ 103.7130, 98.8370,
75.5490

■ 231.3050, 9.6270,
7.2510

■ 87.4420, 110.2060,
84.2700

■ 246.9890, -1.4670,
-0.9470

■ 85.4530, 111.6730,
85.2170

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



170.2890, 16.8650, 41.2890



167.5090, 54.2320, 41.4000



164.8310, 73.2160, 27.7440

Triad

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



167.5090, 54.2320, 41.4000



157.0440, 21.9220, -33.8700



135.1400, -126.9980, -22.2140

Complementary

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



167.5090, 54.2320, 41.4000



203.4910, -54.2320, -41.4000

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.



133.1560, -115.9000, -36.1240



167.5090, 54.2320, 41.4000



149.4050, -24.7510, -41.5430

Square

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



167.5090, 54.2320, 41.4000



161.5970, 54.5180, -18.8740



127.6840, -100.4920, -51.0520



138.6940, -113.3380, -5.4500

Rectangle

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



167.5090, 54.2320, 41.4000



164.3450, 74.0440, 12.7320



127.6840, -100.4920, -51.0520



135.0600, -124.0170, -26.6810

Sweetspot

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



167.5090, 54.2320, 41.4000



230.1860, 17.5120, 13.0320



159.0010, 0.5410, 50.7890



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.



167.5090, 54.2320, 41.4000



158.6620, 67.3430, 51.5910



165.1030, 69.2740, 22.0900



114.2720, 5.2260, 4.4100



64.8480, 84.8550, 64.6230



20.6050, 26.8180, 20.5940

Inverse Universe

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



167.5090, 54.2320, 41.4000



158.6620, 67.3430, 51.5910



205.8970, -69.2740, -22.0900



114.2720, 5.2260, 4.4100



64.8480, 84.8550, 64.6230



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 167.5090, 54.2320, 41.4000 looks on a white background.

Color Contrast Check

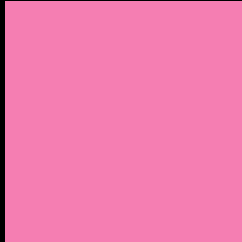
Large Text (above 18pt) WCAG AA × Fail

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 167.5090, 54.2320, 41.4000 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 167.5090, 54.2320, 41.4000

Background



This preview shows how black text looks on a background with the YIQ color 167.5090, 54.2320, 41.4000.



This preview shows how white text looks on a background with the YIQ color 167.5090, 54.2320,

41.4000.

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

167.5090, 54.2320, 41.4000

Protanopia

166.2390, -16.3700, 10.3340

Deuteranopia

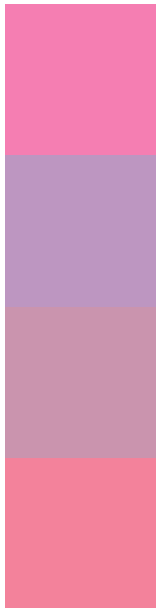
166.7500, 6.8760, 7.5480



Tritanopia

166.6170, 62.0750, 25.9070

Trichromacy



Original Color

167.5090, 54.2320, 41.4000

Protanomaly

166.5630, 9.4410, 21.6410

Deuteranomaly

167.1100, 23.8380, 19.5340

Tritanomaly

166.6370, 59.3230, 31.7310

Monochromacy



Original Color

167.5090, 54.2320, 41.4000

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0230, 19.5290, 15.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.5090, 54.2320, 41.4000 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(245, 126, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 126, 178)  
}
```

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(245, 126, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 126, 178) }
```

Border

The CSS property to change the border of an element to YIQ 167.5090, 54.2320, 41.4000 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(245, 126, 178) }
```


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

```
.border{ border-color:rgb(245, 126, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 126, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 126, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 126, 178);  
box-shadow:4px 4px 4px 4px rgb(245, 126,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 167.5090, 54.2320, 41.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 126, 178) }
```

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

```
.background{ background-color: rgb(245,  
126, 178) }
```

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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