

Converting Colors

YIQ(168.6240, 52.1700, 34.7140)

Have a look what the booklet for
YIQ(168.6240, 52.1700, 34.7140)
contains.

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Color

**YIQ(168.6240, 52.1700,
34.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	F084AA
RGB	240, 132, 170
RGB Percent	94%, 52%, 67%
CMY	0.0585, 0.4825, 0.3332
CMYK	0.00, 0.45, 0.29, 0.06
HSL	339°, 78%, 73%
HSV	339°, 45%, 94%
XYZ	51.4646, 37.9320, 42.6618
YIQ	168.6240, 52.1700, 34.7140

Conversions

Conversions Part 2

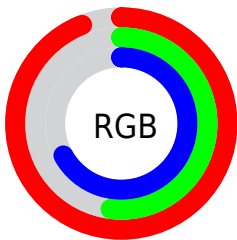
Format	Color
R _Y B	240, 132, 170
Decimal	15762602
CIE Lab	67.97, 45.59, -1.57
CIE LCh	68, 45.616, 358.025
Yxy	37.9320, 0.3897, 0.2872
Android (android.graphics.Color)	4293952682 (0xFFFF084AA)
YUV	168.6240, 0.6784, 62.5968
Hunter-Lab	61.5890, 41.3763, 2.0430

Details

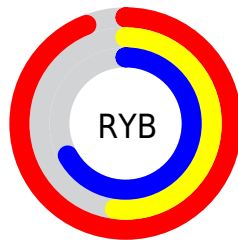
The YIQ color **168.6240, 52.1700, 34.7140** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.3760, -52.1700, -34.7140**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.6640, 28.3300, 26.2340**, and **113.9440, 48.2730, 33.7530** is the 20% darker color. If you saturate the color by 10%, you get **152.7120, 63.9060, 42.2900**, and if you desaturate by 10%, it is **184.5360, 40.4340, 27.1380**.

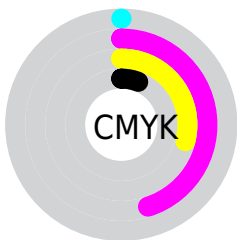
Distribution



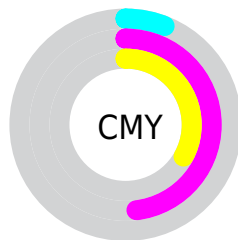
- Red (94%)
- Green (52%)
- Blue (67%)



- Red (94%)
- Yellow (52%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (6%)





- Cyan (6%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.6240, 52.1700, 34.7140 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 168.6240, 52.1700, 34.7140 by changing the saturation by 10% instead.


 168.6240, 52.1700,
34.7140


 168.6240, 52.1700,
34.7140

255.0000, -0.0000,
-0.0000


 140.8410, 50.0610,
34.3890


 211.6640, 28.3300,
26.2340


 113.9440, 48.2730,
33.7530


 231.9930, 11.0460,
20.0860

 87.4600, 46.7600,
33.6400

 249.1300, 2.7500,
5.2300

 59.4430, 45.4300,
35.7180

 34.7740, 43.0000,
35.7040

 24.3070, 33.6490,
23.4490

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 168.6240, 52.1700,
34.7140

■ 168.6240, 52.1700,
34.7140

■ 152.7120, 63.9060,
42.2900

■ 184.5360, 40.4340,
27.1380

■ 136.9140, 75.3210,
50.1770

■ 200.3340, 29.0190,
19.2510

■ 121.0020, 87.0570,
57.7530

■ 216.2460, 17.2830,
11.6750

■ 105.2040, 98.4720,
65.6400

■ 232.0440, 5.8680,
3.7880

■ 89.2920, 110.2080,
73.2160

■ 247.9560, -5.8680,
-3.7880

■ 81.4500, 115.7550,
77.3150

■ 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.



170.6930, 21.3590, 36.9350



168.6240, 52.1700, 34.7140



166.6080, 66.2940, 21.0300

Triad

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



168.6240, 52.1700, 34.7140



158.5470, 13.2560, -31.0000



133.0370, -125.2100, -21.5780

Complementary

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



168.6240, 52.1700, 34.7140



203.3760, -52.1700, -34.7140

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.



132.3240, -116.3130, -34.1450



168.6240, 52.1700, 34.7140



151.3000, -28.6490, -36.9770

Square

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



168.6240, 52.1700, 34.7140



162.1490, 44.1560, -18.3080



128.1230, -103.1060, -47.7300



155.5590, -72.9930, 6.7750

Rectangle

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



168.6240, 52.1700, 34.7140



165.6920, 65.5170, 7.5730



128.1230, -103.1060, -47.7300



133.1850, -122.8710, -25.4230

Sweetspot

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



168.6240, 52.1700, 34.7140



231.2460, 17.2830, 11.6750



164.6440, 5.8600, 48.0040



113.3760, 10.8650, 6.8410



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.



168.6240, 52.1700, 34.7140



163.8480, 66.5190, 44.4950



172.5100, 60.5180, 15.5740



112.0440, 5.8680, 3.7880



62.4260, 88.7990, 59.2230



19.0240, 26.9560, 18.0920

Inverse Universe

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



168.6240, 52.1700, 34.7140



163.8480, 66.5190, 44.4950



199.4900, -60.5180, -15.5740



112.0440, 5.8680, 3.7880



62.4260, 88.7990, 59.2230



19.0240, 26.9560, 18.0920

Previews

White Background



This preview shows how the YIQ color 168.6240, 52.1700, 34.7140 looks on a white background.

Color Contrast Check

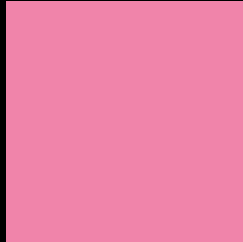
Large Text (above 18pt) WCAG AA × Fail

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 168.6240, 52.1700, 34.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

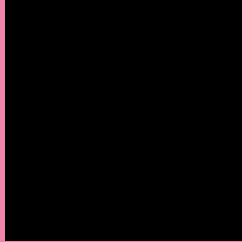
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.6240, 52.1700, 34.7140

Background



This preview shows how black text looks on a background with the YIQ color 168.6240, 52.1700, 34.7140.



This preview shows how white text looks on a background with the YIQ color 168.6240, 52.1700,

34.7140.

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

168.6240, 52.1700, 34.7140

Protanopia

166.9530, -9.8130, 7.1390

Deuteranopia

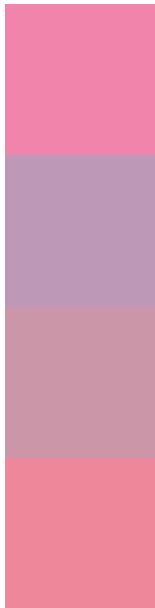
167.7350, 11.2320, 5.6960



Tritanopia

167.6380, 57.5820, 24.7340

Trichromacy



Original Color

168.6240, 52.1700, 34.7140

Protanomaly

167.4830, 12.4220, 17.1740

Deuteranomaly

167.7850, 26.1310, 16.5230

Tritanomaly

168.3760, 55.5640, 28.2680

Monochromacy



Original Color

168.6240, 52.1700, 34.7140

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.1430, 19.0710, 12.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.6240, 52.1700, 34.7140 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, 132, 170)` looks like.

```
.text, #text, p{  
    color:rgb(240, 132, 170)  
}
```

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, 132, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 132, 170) }
```

Border

The CSS property to change the border of an element to YIQ 168.6240, 52.1700, 34.7140 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, 132, 170) }
```


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

```
.border{ border-color:rgb(240, 132, 170) }
```

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

Here you see how a box with a 4 pixel rgb(240, 132, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 132, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 132, 170);  
box-shadow:4px 4px 4px 4px rgb(240, 132,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 168.6240, 52.1700, 34.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 132, 170) }
```

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

```
.background{ background-color: rgb(240,  
132, 170) }
```

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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