

Converting Colors

YIQ(164.0100, 57.0750, 39.4350)

Have a look what the booklet for
YIQ(164.0100, 57.0750, 39.4350)
contains.

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Color

**YIQ(164.0100, 57.0750,
39.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	F37BA8
RGB	243, 123, 168
RGB Percent	95%, 48%, 66%
CMY	0.0467, 0.5178, 0.3410
CMYK	0.00, 0.49, 0.31, 0.05
HSL	337°, 83%, 72%
HSV	337°, 49%, 95%
XYZ	51.1389, 36.0513, 41.3330
YIQ	164.0100, 57.0750, 39.4350

Conversions

Conversions Part 2

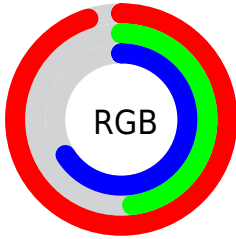
Format	Color
R_{YB}	243, 123, 168
Decimal	15956904
CIE Lab	66.56, 50.81, -2.47
CIE LCh	67, 50.871, 357.217
Yxy	36.0513, 0.3979, 0.2805
Android (android.graphics.Color)	4294146984 (0xFFFF37BA8)
YUV	164.0100, 1.9671, 69.2742
Hunter-Lab	60.0428, 46.9551, 1.2152

Details

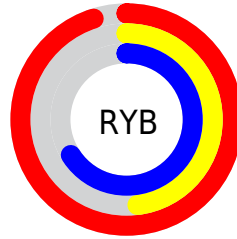
The YIQ color **164.0100, 57.0750, 39.4350** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **201.9900, -57.0750, -39.4350**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.1530, 31.4470, 30.3190**, and **108.7430, 53.4530, 38.9970** is the 20% darker color. If you saturate the color by 10%, you get **148.2120, 68.4900, 47.3220**, and if you desaturate by 10%, it is **179.8080, 45.6600, 31.5480**.

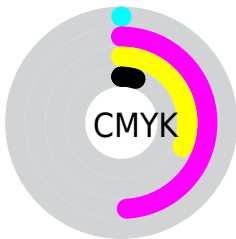
Distribution



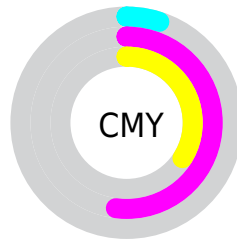
- Red (95%)
- Green (48%)
- Blue (66%)



- Red (95%)
- Yellow (48%)
- Blue (66%)



- Cyan (0%)
- Magenta (49%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.0100, 57.0750, 39.4350 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 164.0100, 57.0750, 39.4350 by changing the saturation by 10% instead.


 164.0100, 57.0750,
39.4350


 164.0100, 57.0750,
39.4350


255.0000, -0.0000,
-0.0000

 136.2270, 54.9660,
39.1100


 206.1530, 31.4470,
30.3190


 108.7430, 53.4530,
38.9970


 226.4820, 14.1630,
24.1710

 80.9000, 51.5730,
40.0290

 243.8470, 5.2250,
9.9370

 46.3120, 53.5890,
47.5490

 34.8450, 44.2380,
35.2940

 24.4920, 34.5660,
23.3500

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 164.0100, 57.0750,
39.4350

■ 164.0100, 57.0750,
39.4350

■ 148.2120, 68.4900,
47.3220

■ 179.8080, 45.6600,
31.5480

■ 131.8270, 80.1800,
55.7320

■ 196.1930, 33.9700,
23.1380

■ 116.0290, 91.5950,
63.6190

■ 212.1050, 22.2340,
15.5620

■ 100.1170,
103.3310, 71.1950

■ 227.9030, 10.8190,
7.6750

■ 83.7320, 115.0210,
79.6050

■ 243.7010, -0.5960,
-0.2120

■ 83.0310, 115.6170,
79.8170

■ 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



166.8120, 22.6420, 41.2180



164.0100, 57.0750, 39.4350



161.5380, 72.4830, 24.5070

Triad

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



164.0100, 57.0750, 39.4350



153.6950, 15.5950, -34.8450



132.2050, -125.6230, -19.5990

Complementary

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



164.0100, 57.0750, 39.4350



201.9900, -57.0750, -39.4350

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.



131.0360, -115.4420, -33.4100



164.0100, 57.0750, 39.4350



144.8110, -31.7660, -41.0620

Square

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



164.0100, 57.0750, 39.4350



157.7920, 49.4750, -21.0930



126.3790, -100.9510, -48.2390



145.0990, -92.2490, 3.3270

Rectangle

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



164.0100, 57.0750, 39.4350



161.0410, 71.8440, 8.5480



126.3790, -100.9510, -48.2390



132.2390, -122.9630, -23.7550

Sweetspot

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



164.0100, 57.0750, 39.4350



229.9580, 18.1540, 12.4100



158.8060, 5.5840, 53.0080



112.7890, 11.1400, 7.3640



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.



164.0100, 57.0750, 39.4350



156.2340, 71.4240, 49.2160



167.0980, 67.6700, 18.1180



114.1580, 5.5470, 4.0990



63.5940, 88.3860, 61.2020



20.1490, 28.1020, 19.3500

Inverse Universe

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



164.0100, 57.0750, 39.4350



156.2340, 71.4240, 49.2160



198.9020, -67.6700, -18.1180



114.1580, 5.5470, 4.0990



63.5940, 88.3860, 61.2020



20.1490, 28.1020, 19.3500

Previews

White Background



This preview shows how the YIQ color 164.0100, 57.0750, 39.4350 looks on a white background.

Color Contrast Check

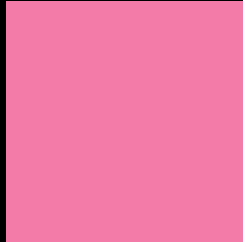
Large Text (above 18pt) WCAG AA × Fail

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 164.0100, 57.0750, 39.4350 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 164.0100, 57.0750, 39.4350

Background



This preview shows how black text looks on a background with the YIQ color 164.0100, 57.0750, 39.4350.



This preview shows how white text looks on a background with the YIQ color 164.0100, 57.0750,

39.4350.

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

164.0100, 57.0750, 39.4350

Protanopia

163.0390, -12.9310, 8.5810

Deuteranopia

163.8490, 10.9110, 6.0070



Tritanopia

163.2150, 63.2670, 26.3310

Trichromacy



Original Color

164.0100, 57.0750, 39.4350



Protanomaly

163.3630, 12.8800, 19.8880



Deuteranomaly

164.2090, 27.8730, 17.9930



Tritanomaly

163.5940, 60.8820, 31.0100

Monochromacy



Original Color

164.0100, 57.0750, 39.4350



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

163.9800, 21.0880, 14.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.0100, 57.0750, 39.4350 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(243, 123, 168)` looks like.

```
.text, #text, p{  
    color:rgb(243, 123, 168)  
}
```

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(243, 123, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 123, 168) }
```

Border

The CSS property to change the border of an element to YIQ 164.0100, 57.0750, 39.4350 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(243, 123, 168) }
```


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

```
.border{ border-color:rgb(243, 123, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 123, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 123, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 123, 168); box-shadow:4px 4px 4px 4px rgb(243, 123, 168) }
```

Background

The CSS property to change the background color of an element to YIQ 164.0100, 57.0750, 39.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 123, 168) }
```

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

```
.background{ background-color: rgb(243,  
123, 168) }
```

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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