

Converting Colors

YIQ(167.7410, 56.9350, 52.9910)

Have a look what the booklet for
YIQ(167.7410, 56.9350, 52.9910)
contains.

YIQ(167.7410, 56.9350, 52.9910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(167.7410, 56.9350,
52.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76C3
RGB	255, 118, 195
RGB Percent	100%, 46%, 76%
CMY	0.0000, 0.5375, 0.2351
CMYK	0.00, 0.54, 0.24, 0.00
HSL	326°, 100%, 73%
HSV	326°, 54%, 100%
XYZ	57.5668, 38.1454, 55.9836
YIQ	167.7410, 56.9350, 52.9910

Conversions

Conversions Part 2

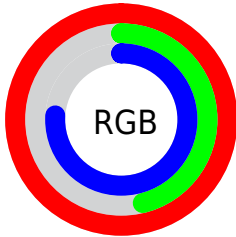
Format	Color
R_{YB}	255, 118, 195
Decimal	16742083
CIE _{Lab}	68.13, 60.42, -15.18
CIE _{LCh}	68, 62.298, 345.899
Yxy	38.1454, 0.3795, 0.2515
Android (android.graphics.Color)	4294932163 (0xFFFF76C3)
YUV	167.7410, 13.4387, 76.5261
Hunter-Lab	61.7620, 58.2920, -10.5095

Details

The YIQ color **167.7410, 56.9350, 52.9910** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **205.2590, -56.9350, -52.9910**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1110, 23.2380, 41.4300**, and **110.1860, 54.1840, 53.2880** is the 20% darker color. If you saturate the color by 10%, you get **151.2250, 67.6160, 63.1680**, and if you desaturate by 10%, it is **183.6700, 46.5290, 43.3370**.

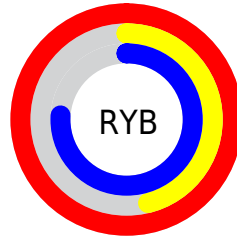
Distribution



Red (100%)

Green (46%)

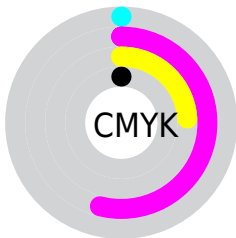
Blue (76%)



Red (100%)

Yellow (46%)

Blue (76%)

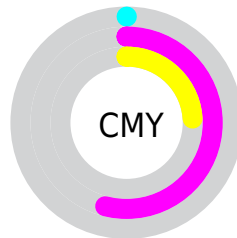


Cyan (0%)

Magenta (54%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.7410, 56.9350, 52.9910 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 167.7410, 56.9350, 52.9910 by changing the saturation by 10% instead.


 167.7410, 56.9350,
52.9910


 167.7410, 56.9350,
52.9910


255.0000, -0.0000,
-0.0000


 139.2570, 55.4220,
52.8780


 207.1110, 23.2380,
41.4300


 110.1860, 54.1840,
53.2880


 224.4760, 14.3000,
27.1960

 78.7070, 54.2750,
57.1470

 242.0860, 6.0500,
11.5060

 51.3370, 52.4410,
57.3450

 40.2290, 43.4570,
43.9450

 29.3490, 33.8310,
31.1670

 19.5940, 25.3510,

19.6470

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 167.7410, 56.9350,
52.9910

■ 167.7410, 56.9350,
52.9910

■ 151.2250, 67.6160,
63.1680

■ 183.6700, 46.5290,
43.3370

■ 135.2960, 78.0220,
72.8220

■ 200.1860, 35.8480,
33.1600

■ 118.7800, 88.7030,
82.9990

■ 216.2290, 25.1210,
23.8170

■ 102.7370, 99.4300,
92.3420

■ 232.7450, 14.4400,
13.6400

■ 92.5470, 106.0770,
98.5330

■ 248.6740, 4.0340,
3.9860

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



170.8290, 6.7770, 47.9050



167.7410, 56.9350, 52.9910



159.4820, 76.0570, 36.8330

Triad

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



167.7410, 56.9350, 52.9910



156.2550, 37.1450, -39.9350



139.5740, -131.2160, -22.8640

Complementary

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



167.7410, 56.9350, 52.9910



205.2590, -56.9350, -52.9910

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.



135.5210, -115.6700, -40.2940



167.7410, 56.9350, 52.9910



148.5550, -16.7260, -49.3180

Square

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



167.7410, 56.9350, 52.9910



161.2800, 71.5280, -18.7760



128.3220, -96.7770, -57.8090



134.7300, -131.3550, -14.8350

Rectangle

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



167.7410, 56.9350, 52.9910



161.3620, 84.5420, 20.7180



128.3220, -96.7770, -57.8090



139.0380, -126.9510, -28.5750

Sweetspot

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



167.7410, 56.9350, 52.9910



228.8810, 17.0530, 15.8450



151.2590, -8.8130, 55.1150



112.0710, 10.4060, 9.6540



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.



167.7410, 56.9350, 52.9910



151.2250, 67.6160, 63.1680



159.9890, 78.7630, 31.8430



119.6850, 5.5010, 4.9330



69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Inverse Universe

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



167.7410, 56.9350, 52.9910



151.2250, 67.6160, 63.1680



213.0110, -78.7630, -31.8430



119.6850, 5.5010, 4.9330



69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 167.7410, 56.9350, 52.9910 looks on a white background.

Color Contrast Check

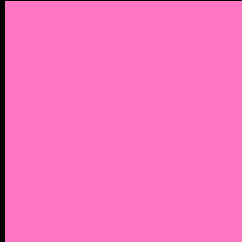
Large Text (above 18pt) WCAG AA × Fail

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 167.7410, 56.9350, 52.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

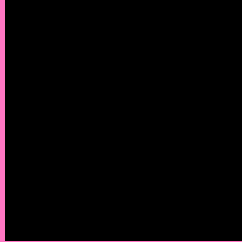
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.7410, 56.9350, 52.9910

Background



This preview shows how black text looks on a background with the YIQ color 167.7410, 56.9350, 52.9910.



This preview shows how white text looks on a background with the YIQ color 167.7410, 56.9350,

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

167.7410, 56.9350, 52.9910

Protanopia

166.5120, -30.0800, 16.5120

Deuteranopia

168.2530, -1.7900, 10.4180



Tritanopia

166.9060, 68.6310, 28.2390

Trichromacy



Original Color

167.7410, 56.9350, 52.9910



Protanomaly

166.8260, 1.6910, 29.9390



Deuteranomaly

168.1730, 19.5270, 26.0790



Tritanomaly

167.4360, 64.5030, 36.9750

Monochromacy



Original Color

167.7410, 56.9350, 52.9910



Achromatopsia

168.0000, -0.0000, -0.0000



Achromatomaly

168.1420, 20.8120, 19.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.7410, 56.9350, 52.9910 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(255, 118, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 195)  
}
```

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(255, 118, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 195) }
```

Border

The CSS property to change the border of an element to YIQ 167.7410, 56.9350, 52.9910 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(255, 118, 195) }
```


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

```
.border{ border-color:rgb(255, 118, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 167.7410, 56.9350, 52.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 195) }
```

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

```
.background{ background-color: rgb(255,  
118, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor