

# Converting Colors

YIQ(159.3650, 55.2380, 56.2140)

Have a look what the booklet for  
YIQ(159.3650, 55.2380, 56.2140)  
contains.

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# Color

**YIQ(159.3650, 55.2380,  
56.2140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F76CC2
RGB	247, 108, 194
RGB Percent	97%, 42%, 76%
CMY	0.0310, 0.5767, 0.2391
CMYK	0.00, 0.56, 0.21, 0.03
HSL	323°, 90%, 70%
HSV	323°, 56%, 97%
XYZ	53.4907, 34.4016, 54.8828
YIQ	159.3650, 55.2380, 56.2140

# Conversions

## Conversions Part 2

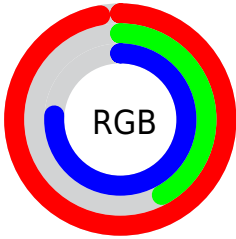
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 108, 194
Decimal	16215234
CIE Lab	65.28, 62.46, -19.03
CIE LCh	65, 65.299, 343.057
Yxy	34.4016, 0.3747, 0.2409
Android (android.graphics.Color)	4294405314 (0xFFFF76CC2)
YUV	159.3650, 17.0751, 76.8559
Hunter-Lab	58.6529, 60.1473, -14.4219

# Details

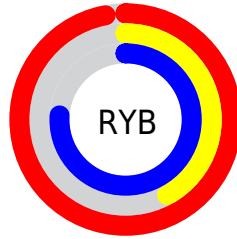
The YIQ color **159.3650, 55.2380, 56.2140** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **195.6350, -55.2380, -56.2140**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7140, 26.0340, 45.8260**, and **100.6360, 53.0370, 57.5570** is the 20% darker color. If you saturate the color by 10%, you get **143.6640, 65.0020, 66.4900**, and if you desaturate by 10%, it is **175.0660, 45.4740, 45.9380**.

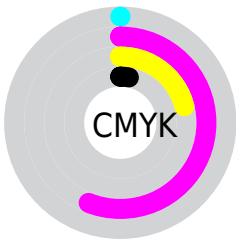
# Distribution



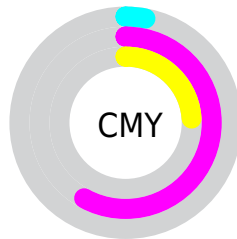
- Red (97%)
- Green (42%)
- Blue (76%)



- Red (97%)
- Yellow (42%)
- Blue (76%)



- Cyan (0%)
- Magenta (56%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (58%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 159.3650, 55.2380, 56.2140 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 159.3650, 55.2380, 56.2140 by changing the saturation by 10% instead.



159.3650, 55.2380,  
56.2140

159.3650, 55.2380,  
56.2140

255.0000, -0.0000,  
-0.0000

130.2940, 54.0000,  
56.6240

201.7140, 26.0340,  
45.8260

100.9350, 53.6330,  
57.7690

218.6060, 17.0500,  
32.4260

62.9990, 56.7490,  
67.3810

236.2160, 8.8000,  
16.7360

49.1300, 48.5900,  
55.5500

253.2390, 0.8250,  
1.5690

38.0220, 39.6060,  
42.1500

27.4410, 30.5760,  
29.5840

16.9740, 21.2250,

17.3290

■ 0.0000, 0.0000,  
0.0000

■ 159.3650, 55.2380,  
56.2140

■ 159.3650, 55.2380,  
56.2140

■ 143.6640, 65.0020,  
66.4900

■ 175.0660, 45.4740,  
45.9380

■ 128.4360, 74.8120,  
75.9320

■ 190.2940, 35.6640,  
36.4960

■ 112.7350, 84.5760,  
86.2080

■ 205.9950, 25.9000,  
26.2200

■ 96.9200, 94.6610,  
96.1730

■ 221.8100, 15.8150,  
16.2550

■ 91.2950, 98.0990,  
99.9470

■ 236.9240, 6.3260,  
6.5020

252.1520, -3.4840,  
-2.9400

252.6080, -4.7680,  
-1.6960

# Harmonies

## Analogous

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



163.4200, 0.6790, 48.2870



159.3650, 55.2380, 56.2140



151.5090, 80.5950, 42.6990

# Triad

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



159.3650, 55.2380, 56.2140



148.2680, 44.2980, -42.9180



135.0260, -126.6770, -22.5250

# Complementary

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



159.3650, 55.2380, 56.2140



195.6350, -55.2380, -56.2140

# 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.



130.0440, -109.8930, -40.3650



159.3650, 55.2380, 56.2140



140.8390, -11.7740, -50.9580

# Square

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



159.3650, 55.2380, 56.2140



152.4440, 76.9380, -17.7020



121.9160, -89.7620, -58.2900



131.2080, -129.7050, -11.6970



# Rectangle

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



159.3650, 55.2380, 56.2140



153.1610, 89.7220, 25.9620



121.9160, -89.7620, -58.2900



133.7890, -121.8160, -28.0240

# Sweetspot

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



159.3650, 55.2380, 56.2140



227.8210, 17.2820, 17.2020



139.0950, -14.2230, 54.0410



111.5980, 10.3600, 10.4880



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.



159.3650, 55.2380, 56.2140



145.9250, 68.7610, 69.9530



151.7270, 76.7450, 35.3770



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040



# Inverse Universe

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



159.3650, 55.2380, 56.2140



145.9250, 68.7610, 69.9530



203.3870, -77.0660, -35.0660



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970

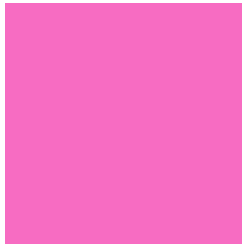


21.7450, 23.6080, 23.7040



# Previews

## White Background



This preview shows how the YIQ color 159.3650, 55.2380, 56.2140 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

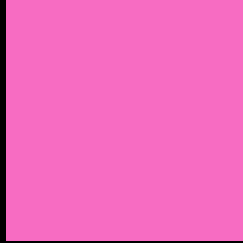
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 159.3650, 55.2380, 56.2140 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 159.3650, 55.2380, 56.2140

## Background



This preview shows how black text looks on a background with the YIQ color 159.3650, 55.2380, 56.2140.



This preview shows how white text looks on a background with the YIQ color 159.3650, 55.2380,



# 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

159.3650, 55.2380, 56.2140

### Protanopia

158.1570, -36.2700, 18.5620

### Deuteranopia

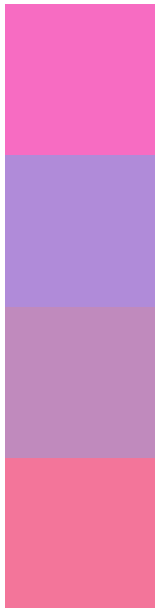
160.3280, -6.3750, 10.9130



## Tritanopia

158.6070, 68.0350, 28.0270

# Trichromacy



## Original Color

159.3650, 55.2380, 56.2140

## Protanomaly

158.9550, -2.9860, 32.1020

## Deuteranomaly

159.9600, 15.8130, 27.3090

## Tritanomaly

158.8920, 63.2190, 38.2190

# Monochromacy



## Original Color

159.3650, 55.2380, 56.2140

## Achromatopsia

159.0000, -0.0000, 0.0000

## Achromatomaly

158.8970, 20.1240, 20.7640

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 159.3650, 55.2380, 56.2140 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(247, 108, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 108, 194)  
}
```

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(247, 108, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 108, 194) }
```

## Border

The CSS property to change the border of an element to YIQ 159.3650, 55.2380, 56.2140 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(247, 108, 194) }
```



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

```
.border{ border-color:rgb(247, 108, 194) }
```

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

Here you see how a box with a 4 pixel rgb(247, 108, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 108, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 108, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 108,  
194) }
```

# Background

The CSS property to change the background color of an element to YIQ 159.3650, 55.2380, 56.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 108, 194) }
```

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

```
.background{ background-color: rgb(247,  
108, 194) }
```

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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