

# Converting Colors

YIQ(155.9660, 77.5700, 36.9460)

Have a look what the booklet for  
YIQ(155.9660, 77.5700, 36.9460)  
contains.

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# Color

**YIQ(155.9660, 77.5700,  
36.9460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD6F85
RGB	253, 111, 133
RGB Percent	99%, 44%, 52%
CMY	0.0075, 0.5649, 0.4781
CMYK	0.00, 0.56, 0.47, 0.01
HSL	351°, 97%, 71%
HSV	351°, 56%, 99%
XYZ	50.4574, 33.9509, 26.1109
YIQ	155.9660, 77.5700, 36.9460

# Conversions

## Conversions Part 2

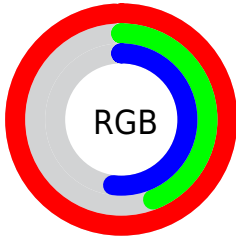
Format	Color
R <sub>Y</sub> B	253, 111, 133
Decimal	16609157
CIE Lab	64.92, 56.05, 15.27
CIE LCh	65, 58.088, 15.238
Yxy	33.9509, 0.4565, 0.3072
Android (android.graphics.Color)	4294799237 (0xFFFD6F85)
YUV	155.9660, -11.3222, 85.0988
Hunter-Lab	58.2674, 52.6065, 14.2179

# Details

The YIQ color **155.9660, 77.5700, 36.9460** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.0340, -77.5700, -36.9460**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.4780, 46.3490, 24.5650**, and **99.2690, 72.3430, 38.0630** is the 20% darker color. If you saturate the color by 10%, you get **138.8970, 91.1860, 43.4900**, and if you desaturate by 10%, it is **173.0350, 63.9540, 30.4020**.

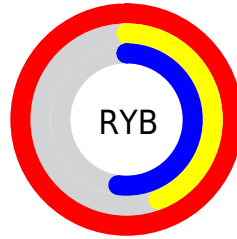
# Distribution



Red (99%)

Green (44%)

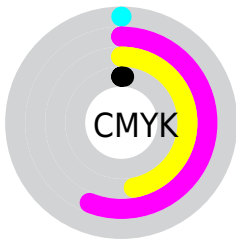
Blue (52%)



Red (99%)

Yellow (44%)

Blue (52%)

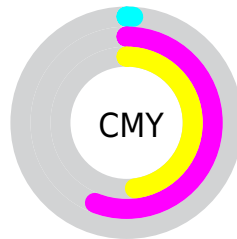


Cyan (0%)

Magenta (56%)

Yellow (47%)

Black (1%)



Cyan (1%)

Magenta (56%)


Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 155.9660, 77.5700, 36.9460 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 155.9660, 77.5700, 36.9460 by changing the saturation by 10% instead.





 155.9660, 77.5700,  
36.9460


 155.9660, 77.5700,  
36.9460

255.0000, -0.0000,  
-0.0000


 127.4110, 74.8190,  
37.2430


 195.4780, 46.3490,  
24.5650

 98.6820, 72.6180,  
38.5860


 215.1060, 29.6610,  
18.6290


 66.5450, 71.7460,  
43.3780

 235.3210, 12.6980,  
12.1700

 43.9140, 66.1530,  
40.1130

254.4130, 0.2750,  
0.5230

 32.9630, 55.2890,  
27.7450

 22.2400, 43.7830,  
15.9990

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,  
0.0000

■ 155.9660, 77.5700,  
36.9460

■ 155.9660, 77.5700,  
36.9460

■ 138.8970, 91.1860,  
43.4900

■ 173.0350, 63.9540,  
30.4020

■ 121.1270,  
105.3980, 50.2460

■ 190.8050, 49.7420,  
23.6460

■ 104.0580,  
119.0140, 56.7900

■ 207.8740, 36.1260,  
17.1020

■ 86.9890, 132.6300,  
63.3340

■ 225.0570, 22.1890,  
10.8690

■ 80.0930, 138.2690,  
65.7650

■ 242.1260, 8.5730,  
4.3250

254.4020, -1.1920,  
-0.4240

# Harmonies

## Analogous

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



159.4690, 51.7090, 48.5810



155.9660, 77.5700, 36.9460



154.9390, 81.0590, 12.2510

# Triad

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



155.9660, 77.5700, 36.9460



142.0440, -13.6090, -45.2330



129.4470, -128.8800, -10.1280

# Complementary

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



155.9660, 77.5700, 36.9460



208.0340, -77.5700, -36.9460

# 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.



131.8800, -123.3300, -22.6100



155.9660, 77.5700, 36.9460



120.9530, -91.1840, -54.5440

# Square

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



155.9660, 77.5700, 36.9460



149.1070, 34.8060, -36.0900



128.2830, -109.0680, -38.7960



152.6570, -58.0490, 22.2950



# Rectangle

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



155.9660, 77.5700, 36.9460



154.3270, 73.3140, -7.0860



128.2830, -109.0680, -38.7960



130.7520, -128.4210, -12.9410

# Sweetspot

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



155.9660, 77.5700, 36.9460



225.5410, 23.7020, 10.9820



162.4700, 24.7460, 69.1780



110.2300, 14.2120, 6.7560



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.



155.9660, 77.5700, 36.9460



138.2070, 93.2490, 44.6490



181.0470, 71.7070, 5.5230



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780



# Inverse Universe

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



155.9660, 77.5700, 36.9460



138.2070, 93.2490, 44.6490



182.9530, -71.7070, -5.5230



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780



# Previews

## White Background



This preview shows how the YIQ color 155.9660, 77.5700, 36.9460 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 155.9660, 77.5700, 36.9460 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 155.9660, 77.5700, 36.9460

## Background



This preview shows how black text looks on a background with the YIQ color 155.9660, 77.5700, 36.9460.



This preview shows how white text looks on a background with the YIQ color 155.9660, 77.5700,

36.9460.

# 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

155.9660, 77.5700, 36.9460

### Protanopia

158.1960, 2.3840, 0.8480

### Deuteranopia

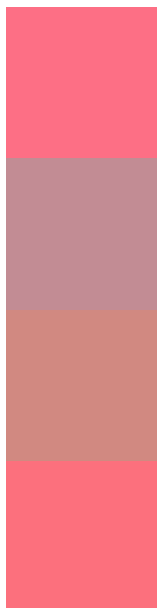
158.7180, 27.0970, -0.9910



## Tritanopia

155.4730, 80.2760, 31.9560

# Trichromacy



## Original Color

155.9660, 77.5700, 36.9460

## Protanomaly

157.0580, 29.6160, 13.9360

## Deuteranomaly

157.6160, 45.4800, 12.7760

## Tritanomaly

155.3420, 79.2670, 33.7230

# Monochromacy



## Original Color

155.9660, 77.5700, 36.9460

## Achromatopsia

156.0000, -0.0000, -0.0000

## Achromatomaly

156.1610, 27.8280, 13.3000

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 155.9660, 77.5700, 36.9460 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(253, 111, 133)` looks like.

```
.text, #text, p{  
    color:rgb(253, 111, 133)  
}
```

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(253, 111, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 111, 133) }
```

## Border

The CSS property to change the border of an element to YIQ 155.9660, 77.5700, 36.9460 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(253, 111, 133) }
```



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

```
.border{ border-color:rgb(253, 111, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 111, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 111, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 111, 133);  
box-shadow:4px 4px 4px 4px rgb(253, 111,  
133) }
```

# Background

The CSS property to change the background color of an element to YIQ 155.9660, 77.5700, 36.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 111, 133) }
```

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

```
.background{ background-color: rgb(253,  
111, 133) }
```

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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