

Converting Colors

YIQ(157.6600, 69.6840, 36.6920)

Have a look what the booklet for
YIQ(157.6600, 69.6840, 36.6920)
contains.

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Color

**YIQ(157.6600, 69.6840,
36.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	F7738F
RGB	247, 115, 143
RGB Percent	97%, 45%, 56%
CMY	0.0310, 0.5492, 0.4390
CMYK	0.00, 0.53, 0.42, 0.03
HSL	347°, 89%, 71%
HSV	347°, 53%, 97%
XYZ	49.4749, 34.0235, 29.9720
YIQ	157.6600, 69.6840, 36.6920

Conversions

Conversions Part 2

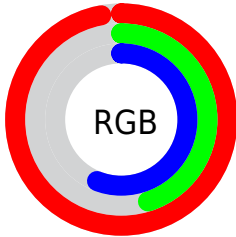
Format	Color
RYB	247, 115, 143
Decimal	16216975
CIELab	64.98, 53.15, 9.52
CIELCh	65, 53.998, 10.156
Yxy	34.0235, 0.4360, 0.2998
Android (android.graphics.Color)	4294407055 (0xFFFF7738F)
YUV	157.6600, -7.2274, 78.3512
Hunter-Lab	58.3297, 49.3257, 10.3653

Details

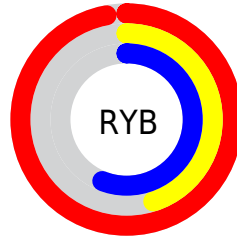
The YIQ color **157.6600, 69.6840, 36.6920** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **204.3400, -69.6840, -36.6920**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4930, 41.9930, 26.4170**, and **101.7350, 65.0990, 37.1870** is the 20% darker color. If you saturate the color by 10%, you get **140.8190, 82.6580, 43.8580**, and if you desaturate by 10%, it is **174.6150, 56.3890, 29.8370**.

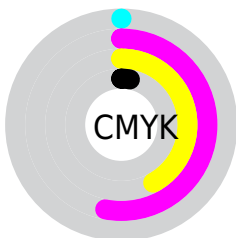
Distribution



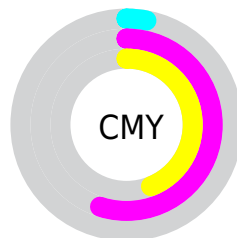
- Red (97%)
- Green (45%)
- Blue (56%)



- Red (97%)
- Yellow (45%)
- Blue (56%)



- Cyan (0%)
- Magenta (53%)
- Yellow (42%)
- Black (3%)




- Cyan (3%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.6600, 69.6840, 36.6920 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 157.6600, 69.6840, 36.6920 by changing the saturation by 10% instead.

 157.6600, 69.6840,
36.6920


 157.6600, 69.6840,
36.6920


255.0000, -0.0000,
-0.0000

 129.9910, 67.2540,
36.6780


 198.4930, 41.9930,
26.4170


 101.7350, 65.0990,
37.1870


 218.7080, 25.0300,
19.9580

 71.9460, 63.1270,
39.8870

 238.9230, 8.0670,
13.4990

 43.7440, 60.8800,
42.0640

 32.6790, 50.3370,
29.3850

 21.5280, 42.9120,
15.2640

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 157.6600, 69.6840,
36.6920

■ 157.6600, 69.6840,
36.6920

■ 140.8190, 82.6580,
43.8580

■ 174.6150, 56.3890,
29.8370

■ 124.4510, 95.6780,
50.1900

■ 190.8690, 43.6900,
23.1940

■ 107.6100,
108.6520, 57.3560

■ 207.7100, 30.7160,
16.0280

■ 90.6550, 121.9470,
64.2110

■ 224.6650, 17.4210,
9.1730

■ 79.8950, 130.1990,
68.8470

■ 240.9190, 4.7220,
2.5300

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.



160.7990, 41.8520, 45.5000



157.6600, 69.6840, 36.6920



156.0080, 76.6110, 15.7710

Triad

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



157.6600, 69.6840, 36.6920



145.0670, -3.2480, -40.2720



129.2360, -126.9080, -12.8280

Complementary

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



157.6600, 69.6840, 36.6920



204.3400, -69.6840, -36.6920

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.



130.0390, -119.5240, -25.5080



157.6600, 69.6840, 36.6920



126.5700, -73.8080, -50.0640

Square

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



157.6600, 69.6840, 36.6920



150.8350, 38.7480, -30.4360



126.5560, -105.5830, -41.3830



150.9010, -64.7880, 17.7720

Rectangle

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



157.6600, 69.6840, 36.6920



155.2330, 70.8830, -1.5730



126.5560, -105.5830, -41.3830



130.1990, -125.4860, -16.5740

Sweetspot

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



157.6600, 69.6840, 36.6920



227.2850, 21.5470, 11.4910



160.8450, 19.0160, 62.8880



111.0450, 13.2950, 6.8550



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.



157.6600, 69.6840, 36.6920



144.7270, 85.9130, 45.4410



176.1870, 68.4970, 8.6330



113.9300, 6.1890, 3.4770



60.1740, 98.0160, 51.8720



19.0090, 31.3120, 16.2400

Inverse Universe

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



157.6600, 69.6840, 36.6920



144.7270, 85.9130, 45.4410



185.8130, -68.4970, -8.6330



113.9300, 6.1890, 3.4770



60.1740, 98.0160, 51.8720



19.0090, 31.3120, 16.2400

Previews

White Background



This preview shows how the YIQ color 157.6600, 69.6840, 36.6920 looks on a white background.

Color Contrast Check

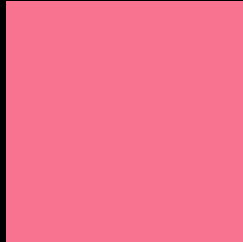
Large Text (above 18pt) WCAG AA × Fail

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 157.6600, 69.6840, 36.6920 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 157.6600, 69.6840, 36.6920

Background



This preview shows how black text looks on a background with the YIQ color 157.6600, 69.6840, 36.6920.

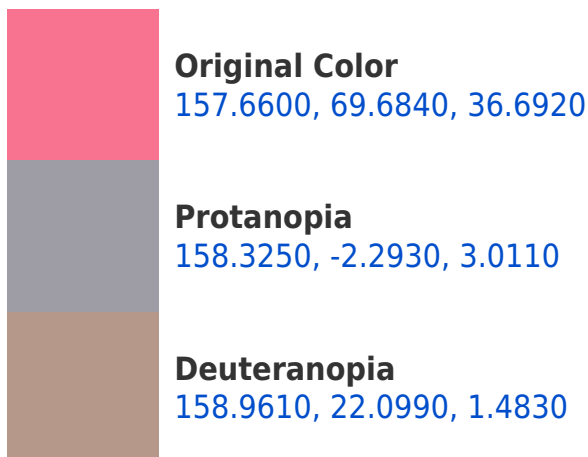


This preview shows how white text looks on a background with the YIQ color 157.6600, 69.6840,

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

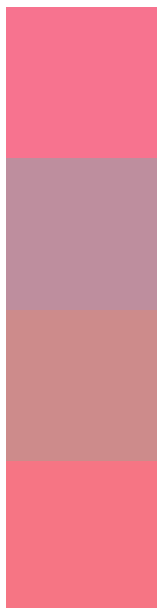




Tritanopia

157.1840, 73.7200, 29.6240

Trichromacy



Original Color

157.6600, 69.6840, 36.6920

Protanomaly

158.1760, 23.4720, 15.1520

Deuteranomaly

158.7340, 39.3360, 13.9920

Tritanomaly

157.2810, 72.0690, 32.0130

Monochromacy



Original Color

157.6600, 69.6840, 36.6920

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.6060, 25.0770, 13.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6600, 69.6840, 36.6920 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, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(247, 115, 143)  
}
```

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, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 115, 143) }
```

Border

The CSS property to change the border of an element to YIQ 157.6600, 69.6840, 36.6920 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, 115, 143) }
```


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

```
.border{ border-color:rgb(247, 115, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 115, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(247, 115,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6600, 69.6840, 36.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 115, 143) }
```

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

```
.background{ background-color: rgb(247,  
115, 143) }
```

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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