

# Converting Colors

YIQ(165.2890, 60.4230, 33.8230)

Have a look what the booklet for  
YIQ(165.2890, 60.4230, 33.8230)  
contains.

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# Color

**YIQ(165.2890, 60.4230,  
33.8230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F47F9C
RGB	244, 127, 156
RGB Percent	96%, 50%, 61%
CMY	0.0428, 0.5021, 0.3880
CMYK	0.00, 0.48, 0.36, 0.04
HSL	345°, 84%, 73%
HSV	345°, 48%, 96%
XYZ	50.9229, 36.8149, 35.8991
YIQ	165.2890, 60.4230, 33.8230

# Conversions

## Conversions Part 2

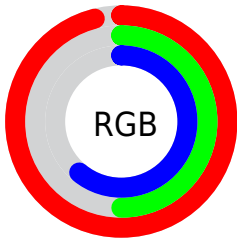
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 127, 156
Decimal	16023452
CIE <sub>Lab</sub>	67.14, 47.74, 5.17
CIE <sub>LCh</sub>	67, 48.022, 6.185
Yxy	36.8149, 0.4119, 0.2978
Android (android.graphics.Color)	4294213532 (0xFFFF47F9C)
YUV	165.2890, -4.5795, 69.0295
Hunter-Lab	60.6753, 43.6281, 7.3931

# Details

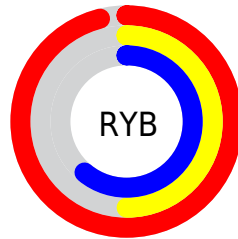
The YIQ color **165.2890, 60.4230, 33.8230** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **205.7110, -60.4230, -33.8230**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.0190, 34.5200, 24.1840**, and **110.7230, 56.2050, 33.1730** is the 20% darker color. If you saturate the color by 10%, you get **149.1490, 72.8010, 40.7770**, and if you desaturate by 10%, it is **181.4290, 48.0450, 26.8690**.

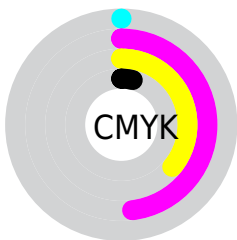
# Distribution



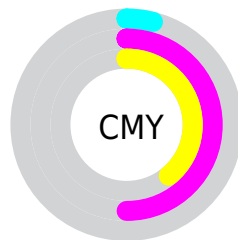
- Red (96%)
- Green (50%)
- Blue (61%)



- Red (96%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (48%)
- Yellow (36%)
- Black (4%)




- Cyan (4%)
- Magenta (50%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 165.2890, 60.4230, 33.8230 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 165.2890, 60.4230, 33.8230 by changing the saturation by 10% instead.





 165.2890, 60.4230,  
33.8230


 165.2890, 60.4230,  
33.8230


255.0000, -0.0000,  
-0.0000


 137.5060, 58.3140,  
33.4980


 207.0190, 34.5200,  
24.1840


 110.7230, 56.2050,  
33.1730


 227.3480, 17.2360,  
18.0360

 82.8800, 54.3250,  
34.2050

 246.1950, 4.1250,  
7.8450

 52.8030, 53.2240,  
37.6400

 33.8190, 47.1270,  
32.4950

 23.3520, 37.7760,  
20.2400

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,  
0.0000

■ 165.2890, 60.4230,  
33.8230

■ 165.2890, 60.4230,  
33.8230

■ 149.1490, 72.8010,  
40.7770

■ 181.4290, 48.0450,  
26.8690

■ 132.3080, 85.7750,  
47.9430

■ 198.2700, 35.0710,  
19.7030

■ 116.1680, 98.1530,  
54.8970

■ 214.4100, 22.6930,  
12.7490

■ 99.4410, 110.8060,  
62.3740

■ 231.1370, 10.0400,  
5.2720

■ 83.1870, 123.5050,  
69.0170

■ 247.3910, -2.6590,  
-1.3710

■ 79.9100, 125.8430,  
70.6990

■ 251.7110, -6.5560,  
-2.3320

# Harmonies

## Analogous

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



167.7330, 33.0500, 39.8180



165.2890, 60.4230, 33.8230



163.5280, 69.2750, 16.5630

# Triad

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



165.2890, 60.4230, 33.8230



154.0510, 2.8490, -35.1270



131.4870, -126.3570, -17.3090

# Complementary

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



165.2890, 60.4230, 33.8230



205.7110, -60.4230, -33.8230

# 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.



132.2900, -118.9730, -29.9890



165.2890, 60.4230, 33.8230



144.3240, -46.3920, -40.3120

# Square

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



165.2890, 60.4230, 33.8230



158.8230, 39.0220, -24.3860



128.6760, -106.0410, -44.0970



156.9350, -62.1280, 13.6160



# Rectangle

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



165.2890, 60.4230, 33.8230



162.4160, 66.1140, 2.2580



128.6760, -106.0410, -44.0970



132.3360, -124.6140, -21.3660

# Sweetspot

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



165.2890, 60.4230, 33.8230



230.7900, 18.5670, 10.4310



166.6500, 14.8910, 55.0430



113.1480, 11.5070, 6.2190



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.



165.2890, 60.4230, 33.8230



155.4700, 76.3310, 42.8830



179.0060, 61.7570, 9.6370



113.9300, 6.1890, 3.4770



60.8580, 96.0900, 53.7380



19.3510, 30.3490, 17.1730



# Inverse Universe

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



165.2890, 60.4230, 33.8230



155.4700, 76.3310, 42.8830



191.9940, -61.7570, -9.6370



113.9300, 6.1890, 3.4770



60.8580, 96.0900, 53.7380



19.3510, 30.3490, 17.1730



# Previews

## White Background



This preview shows how the YIQ color 165.2890, 60.4230, 33.8230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

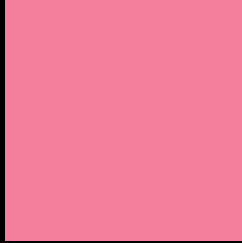
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 165.2890, 60.4230, 33.8230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

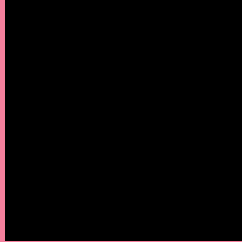
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 165.2890, 60.4230, 33.8230

## Background



This preview shows how black text looks on a background with the YIQ color 165.2890, 60.4230, 33.8230.



This preview shows how white text looks on a background with the YIQ color 165.2890, 60.4230,



# 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

165.2890, 60.4230, 33.8230

### Protanopia

164.5960, -4.4940, 4.3540

### Deuteranopia

164.9760, 17.7430, 3.3350



## Tritanopia

164.8130, 64.4590, 26.7550

# Trichromacy



## Original Color

165.2890, 60.4230, 33.8230



## Protanomaly

164.7240, 18.9330, 14.8130



## Deuteranomaly

165.3250, 33.2380, 14.3740



## Tritanomaly

164.9100, 62.8080, 29.1440

# Monochromacy



## Original Color

165.2890, 60.4230, 33.8230



## Achromatopsia

165.0000, -0.0000, -0.0000



## Achromatomaly

165.1110, 22.0970, 12.5370

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 165.2890, 60.4230, 33.8230 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(244, 127, 156)` looks like.

```
.text, #text, p{  
    color:rgb(244, 127, 156)  
}
```

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(244, 127, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 127, 156) }
```

## Border

The CSS property to change the border of an element to YIQ 165.2890, 60.4230, 33.8230 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(244, 127, 156) }
```



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

```
.border{ border-color:rgb(244, 127, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 127, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 127, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 127, 156);  
box-shadow:4px 4px 4px 4px rgb(244, 127,  
156) }
```

# Background

The CSS property to change the background color of an element to YIQ 165.2890, 60.4230, 33.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 127, 156) }
```

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

```
.background{ background-color: rgb(244,  
127, 156) }
```

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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