

Converting Colors

YIQ(120.1350, 85.7250, 70.8850)

Have a look what the booklet for
YIQ(120.1350, 85.7250, 70.8850)
contains.

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Color

**YIQ(120.1350, 85.7250,
70.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	F63392
RGB	246, 51, 146
RGB Percent	96%, 20%, 57%
CMY	0.0348, 0.8003, 0.4272
CMYK	0.00, 0.79, 0.41, 0.03
HSL	331°, 92%, 58%
HSV	331°, 79%, 97%
XYZ	44.4267, 24.0549, 29.5234
YIQ	120.1350, 85.7250, 70.8850

Conversions

Conversions Part 2

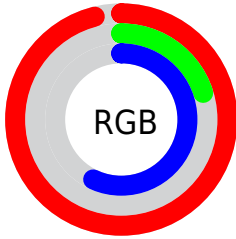
Format	Color
R _{YB}	246, 51, 146
Decimal	16135058
CIE Lab	56.14, 77.08, -5.06
CIE LCh	56, 77.242, 356.240
Yxy	24.0549, 0.4533, 0.2454
Android (android.graphics.Color)	4294325138 (0xFFFF63392)
YUV	120.1350, 12.7514, 110.3836
Hunter-Lab	49.0458, 75.8588, -1.3579

Details

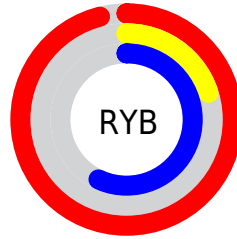
The YIQ color **120.1350, 85.7250, 70.8850** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **176.8650, -85.7250, -70.8850**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **167.7240, 55.6050, 55.0690**, and **65.9600, 78.8480, 68.8640** is the 20% darker color. If you saturate the color by 10%, you get **103.9780, 96.7730, 79.9170**, and if you desaturate by 10%, it is **136.2920, 74.6770, 61.8530**.

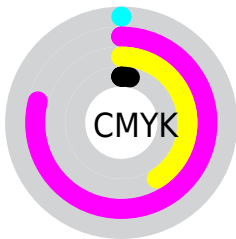
Distribution



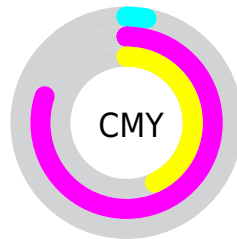
- Red (96%)
- Green (20%)
- Blue (57%)



- Red (96%)
- Yellow (20%)
- Blue (57%)



- Cyan (0%)
- Magenta (79%)
- Yellow (41%)
- Black (3%)



- Cyan (3%)
- Magenta (80%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.1350, 85.7250, 70.8850 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 120.1350, 85.7250, 70.8850 by changing the saturation by 10% instead.

120.1350, 85.7250,
70.8850

120.1350, 85.7250,
70.8850

255.0000, -0.0000,
-0.0000

77.9650, 89.6200,
82.9000

167.7240, 55.6050,
55.0690

65.9600, 78.8480,
68.8640

189.1130, 38.0920,
47.5640

54.2540, 68.6720,
55.0400

209.2140, 21.4500,
40.7940

42.4770, 57.2580,
41.6260

226.8240, 13.2000,
25.1040

31.1130, 46.1190,
28.7350

245.0210, 4.6750,
8.8910

19.7770, 37.7770,
14.7130

9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 120.1350, 85.7250,
70.8850

■ 120.1350, 85.7250,
70.8850

■ 103.9780, 96.7730,
79.9170

■ 136.2920, 74.6770,
61.8530

■ 88.5220, 107.2250,
88.7370

■ 151.7480, 64.2250,
53.0330

■ 87.2340, 108.0960,
89.4720

■ 167.9050, 53.1770,
44.0010

■ 183.4750, 42.4040,
35.4920

■ 199.5180, 31.6770,
26.1490

215.6750, 20.6290,
17.1170

231.1310, 10.1770,
8.2970

247.2880, -0.8710,
-0.7350

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



134.5430, 31.6700, 64.8380



120.1350, 85.7250, 70.8850



120.2530, 104.8030, 44.5070

Triad

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



120.1350, 85.7250, 70.8850



118.2710, 21.8800, -55.1440



121.3770, -122.6910, -6.6510

Complementary

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



120.1350, 85.7250, 70.8850



176.8650, -85.7250, -70.8850

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.



118.1560, -106.7320, -26.0600



120.1350, 85.7250, 70.8850



98.7880, -60.4630, -66.1510

Square

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



120.1350, 85.7250, 70.8850



126.5530, 65.8450, -31.4270



109.8170, -84.6290, -46.6850



114.7720, -122.0050, 2.9470

Rectangle

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



120.1350, 85.7250, 70.8850



124.8290, 101.9200, 14.1440



109.8170, -84.6290, -46.6850



120.8410, -118.4260, -12.3620

Sweetspot

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



120.1350, 85.7250, 70.8850



215.6590, 26.7260, 22.2620



102.5320, -4.1870, 81.4210



104.1150, 16.2740, 13.4420



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.



120.1350, 85.7250, 70.8850



98.8100, 106.3540, 88.0020



109.3050, 116.2200, 41.3400



114.2720, 5.2260, 4.4100



65.9880, 81.6450, 67.7330



20.9470, 25.8550, 21.5270

Inverse Universe

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



120.1350, 85.7250, 70.8850



98.8100, 106.3540, 88.0020



187.6950, -116.2200, -41.3400



114.2720, 5.2260, 4.4100



65.9880, 81.6450, 67.7330



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 120.1350, 85.7250, 70.8850 looks on a white background.

Color Contrast Check

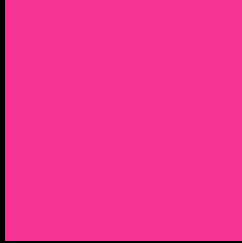
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1350, 85.7250, 70.8850 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 × Fail

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

YIQ 120.1350, 85.7250, 70.8850

Background



This preview shows how black text looks on a background with the YIQ color 120.1350, 85.7250, 70.8850.



This preview shows how white text looks on a background with the YIQ color 120.1350, 85.7250,

70.8850.

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

120.1350, 85.7250, 70.8850

Protanopia

134.7290, -32.1890, 16.1870

Deuteranopia

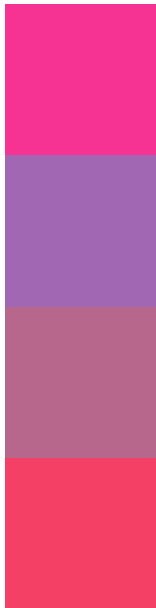
136.3540, 7.9310, 4.9470



Tritanopia

123.2860, 100.0360, 37.2840

Trichromacy



Original Color

120.1350, 85.7250, 70.8850

Protanomaly

129.3050, 10.7680, 36.1440

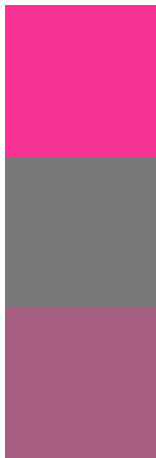
Deuteranomaly

130.5510, 36.0780, 28.9900

Tritanomaly

122.0380, 95.4030, 49.6670

Monochromacy



Original Color

120.1350, 85.7250, 70.8850

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1050, 31.4020, 25.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.1350, 85.7250, 70.8850 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(246, 51, 146)` looks like.

```
.text, #text, p{  
    color:rgb(246, 51, 146)  
}
```

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(246, 51, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 51, 146) }
```

Border

The CSS property to change the border of an element to YIQ 120.1350, 85.7250, 70.8850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

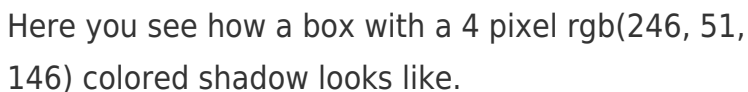
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 51, 146) }
```


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

```
.border{ border-color:rgb(246, 51, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 51, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 51, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 51, 146);  
box-shadow:4px 4px 4px 4px rgb(246, 51,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 120.1350, 85.7250, 70.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 51, 146) }
```

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

```
.background{ background-color: rgb(246, 51,  
146) }
```

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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