

Converting Colors

YIQ(129.8180, 76.3720, 69.6840)

Have a look what the booklet for
YIQ(129.8180, 76.3720, 69.6840)
contains.

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Color

**YIQ(129.8180, 76.3720,
69.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	F640A4
RGB	246, 64, 164
RGB Percent	96%, 25%, 64%
CMY	0.0348, 0.7493, 0.3566
CMYK	0.00, 0.74, 0.33, 0.03
HSL	327°, 91%, 61%
HSV	327°, 74%, 97%
XYZ	46.5855, 25.9563, 37.7039
YIQ	129.8180, 76.3720, 69.6840

Conversions

Conversions Part 2

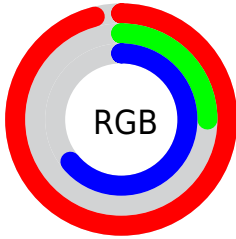
Format	Color
RYB	246, 64, 164
Decimal	16138404
CIELab	58.00, 75.28, -12.87
CIElCh	58, 76.367, 350.301
Yxy	25.9563, 0.4226, 0.2354
Android (android.graphics.Color)	4294328484 (0xFFFF640A4)
YUV	129.8180, 16.8517, 101.8916
Hunter-Lab	50.9473, 74.0600, -8.2149

Details

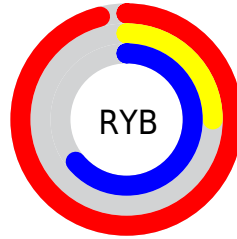
The YIQ color **129.8180, 76.3720, 69.6840** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **180.1820, -76.3720, -69.6840**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7600, 46.7560, 55.7480**, and **68.0830, 74.3080, 74.0520** is the 20% darker color. If you saturate the color by 10%, you get **113.8890, 86.7780, 79.3380**, and if you desaturate by 10%, it is **145.7470, 65.9660, 60.0300**.

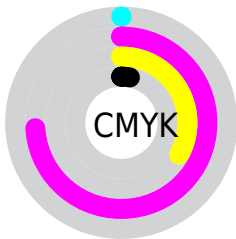
Distribution



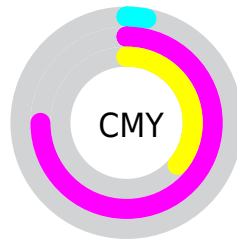
- Red (96%)
- Green (25%)
- Blue (64%)



- Red (96%)
- Yellow (25%)
- Blue (64%)



- Cyan (0%)
- Magenta (74%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (75%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.8180, 76.3720, 69.6840 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 129.8180, 76.3720, 69.6840 by changing the saturation by 10% instead.


 129.8180, 76.3720,
69.6840


 129.8180, 76.3720,
69.6840


255.0000, -0.0000,
-0.0000

 91.1700, 78.6170,
78.5610


 175.7600, 46.7560,
55.7480


 68.0830, 74.3080,
74.0520


 196.0890, 29.4720,
49.6000


 56.3770, 64.1320,
60.2280


 214.4970, 18.9750,
36.0870

 44.6710, 53.9560,
46.4040

 232.1070, 10.7250,
20.3970

 33.4920, 43.7340,
33.4140

 249.7170, 2.4750,
4.7070

 22.8400, 33.4660,
21.2580

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 129.8180, 76.3720,
69.6840

■ 129.8180, 76.3720,
69.6840

■ 113.8890, 86.7780,
79.3380

■ 145.7470, 65.9660,
60.0300

■ 98.5470, 96.9090,
88.4690

■ 161.0890, 55.8350,
50.8990

■ 88.9440, 103.2810,
94.1370

■ 177.0180, 45.4290,
41.2450

■ 192.3600, 35.2980,
32.1140

■ 208.2890, 24.8920,
22.4600

224.3320, 14.1650,
13.1170

239.6740, 4.0340,
3.9860

252.0810, -4.7220,
-2.5300

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.



142.1930, 17.9160, 60.7960



129.8180, 76.3720, 69.6840



126.1590, 102.3720, 50.0200

Triad

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



129.8180, 76.3720, 69.6840



125.4250, 33.2500, -51.9500



124.4430, -123.0570, -11.0330

Complementary

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



129.8180, 76.3720, 69.6840



180.1820, -76.3720, -69.6840

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.



120.1790, -105.5390, -31.1630



129.8180, 76.3720, 69.6840



101.9040, -55.0980, -69.7700

Square

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



129.8180, 76.3720, 69.6840



131.3370, 75.3810, -28.0350



111.1390, -82.8400, -51.5760



119.4680, -124.2050, -1.2370

Rectangle

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



129.8180, 76.3720, 69.6840



129.6970, 102.6520, 22.9080



111.1390, -82.8400, -51.5760



123.6790, -118.1500, -17.3660

Sweetspot

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



129.8180, 76.3720, 69.6840



219.2780, 23.4250, 21.5130



109.2660, -9.5500, 73.9860



106.3320, 14.1650, 13.1170



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.



129.8180, 76.3720, 69.6840



110.1230, 95.1670, 86.9990



119.4440, 105.5830, 41.3830



114.3860, 4.9050, 4.7210



67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Inverse Universe

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



129.8180, 76.3720, 69.6840



110.1230, 95.1670, 86.9990



190.5560, -105.5830, -41.3830



114.3860, 4.9050, 4.7210



67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Previews

White Background



This preview shows how the YIQ color 129.8180, 76.3720, 69.6840 looks on a white background.

Color Contrast Check

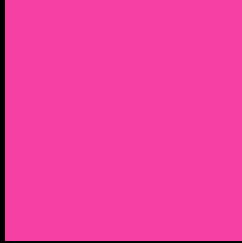
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8180, 76.3720, 69.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

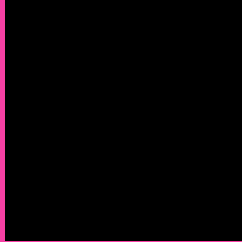
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.8180, 76.3720, 69.6840

Background



This preview shows how black text looks on a background with the YIQ color 129.8180, 76.3720, 69.6840.



This preview shows how white text looks on a background with the YIQ color 129.8180, 76.3720,

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



Original Color

129.8180, 76.3720, 69.6840

Protanopia

138.4170, -39.9380, 18.9580

Deuteranopia

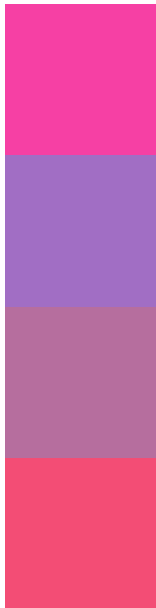
141.1560, -0.1390, 8.0290



Tritanopia

132.2140, 91.3710, 34.6270

Trichromacy



Original Color

129.8180, 76.3720, 69.6840

Protanomaly

135.0530, 2.7900, 37.5580

Deuteranomaly

137.0000, 27.5040, 30.1920

Tritanomaly

131.1940, 86.0960, 47.6320

Monochromacy



Original Color

129.8180, 76.3720, 69.6840

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8380, 27.7800, 25.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8180, 76.3720, 69.6840 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, 64, 164)` looks like.

```
.text, #text, p{  
    color:rgb(246, 64, 164)  
}
```

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, 64, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 64, 164) }
```

Border

The CSS property to change the border of an element to YIQ 129.8180, 76.3720, 69.6840 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, 64, 164) }
```


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

```
.border{ border-color:rgb(246, 64, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 64, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 64, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 64, 164);  
box-shadow:4px 4px 4px 4px rgb(246, 64,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8180, 76.3720, 69.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 64, 164) }
```

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

```
.background{ background-color: rgb(246, 64,  
164) }
```

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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