

Converting Colors

YIQ(126.4860, 80.5430, 76.6950)

Have a look what the booklet for
YIQ(126.4860, 80.5430, 76.6950)
contains.

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Color

**YIQ(126.4860, 80.5430,
76.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	FB37A8
RGB	251, 55, 168
RGB Percent	98%, 22%, 66%
CMY	0.0151, 0.7846, 0.3409
CMYK	0.00, 0.78, 0.33, 0.02
HSL	325°, 96%, 60%
HSV	325°, 78%, 98%
XYZ	48.2687, 26.0886, 39.5663
YIQ	126.4860, 80.5430, 76.6950

Conversions

Conversions Part 2

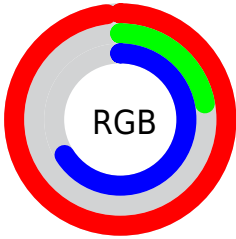
Format	Color
R _Y B	251, 55, 168
Decimal	16463784
CIE _{Lab}	58.12, 79.43, -14.93
CIE _{LCh}	58, 80.817, 349.358
Yxy	26.0886, 0.4237, 0.2290
Android (android.graphics.Color)	4294653864 (0xFFFB37A8)
YUV	126.4860, 20.4664, 109.1988
Hunter-Lab	51.0770, 79.3009, -10.1745

Details

The YIQ color **126.4860, 80.5430, 76.6950** 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 **179.5140, -80.5430, -76.6950**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6940, 47.1220, 60.1300**, and **69.7350, 75.4080, 76.1440** is the 20% darker color. If you saturate the color by 10%, you get **110.5570, 90.9490, 86.3490**, and if you desaturate by 10%, it is **142.4150, 70.1370, 67.0410**.

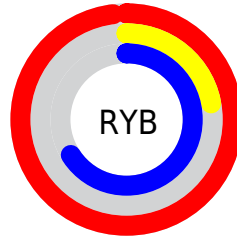
Distribution



Red (98%)

Green (22%)

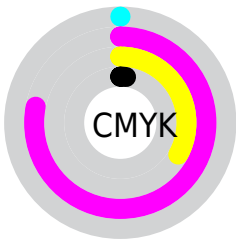
Blue (66%)



Red (98%)

Yellow (22%)

Blue (66%)

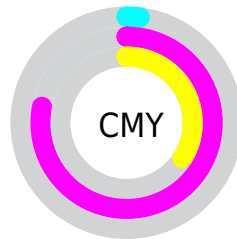


Cyan (0%)

Magenta (78%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (78%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.4860, 80.5430, 76.6950 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 126.4860, 80.5430, 76.6950 by changing the saturation by 10% instead.


 126.4860, 80.5430,
76.6950


 126.4860, 80.5430,
76.6950


255.0000, -0.0000,
-0.0000


 81.9680, 85.5380,
90.8020


 172.6940, 47.1220,
60.1300


 69.7350, 75.4080,
76.1440


 194.1970, 29.2880,
52.9360

 57.9150, 65.5530,
62.0090


 212.1490, 20.0750,
38.1790

 46.3230, 55.0560,
48.4960

 229.7590, 11.8250,
22.4890

 34.7310, 44.5590,
34.9830

 247.3690, 3.5750,
6.7990

 24.3780, 34.8870,
23.0390

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 126.4860, 80.5430,
76.6950

■ 126.4860, 80.5430,
76.6950

■ 110.5570, 90.9490,
86.3490

■ 142.4150, 70.1370,
67.0410

■ 94.7420, 101.0340,
96.3140

■ 158.2300, 60.0520,
57.0760

■ 91.5790, 103.0510,
98.3070

■ 174.1590, 49.6460,
47.4220

■ 190.0880, 39.2400,
37.7680

■ 206.4900, 28.8800,
27.2800

222.4190, 18.4740,
17.6260

238.2340, 8.3890,
7.6610

253.5760, -1.7420,
-1.4700

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



141.8170, 16.2190, 64.0190



126.4860, 80.5430, 76.6950



119.7020, 105.3970, 55.7730

Triad

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



126.4860, 80.5430, 76.6950



125.7240, 33.8460, -51.7380



126.1870, -125.2120, -10.5240

Complementary

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



126.4860, 80.5430, 76.6950



179.5140, -80.5430, -76.6950

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.



120.8800, -106.1350, -31.3750



126.4860, 80.5430, 76.6950



99.4430, -55.4180, -74.9860

Square

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



126.4860, 80.5430, 76.6950



131.9460, 78.0400, -26.6640



111.8570, -82.1060, -53.8660



120.6420, -124.7550, -2.2830

Rectangle

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



126.4860, 80.5430, 76.6950



127.6270, 108.8410, 26.3850



111.8570, -82.1060, -53.8660



125.3090, -119.9840, -17.1680

Sweetspot

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



126.4860, 80.5430, 76.6950



217.5170, 24.2500, 23.0820



101.8620, -14.0440, 78.3400



105.0440, 15.0360, 13.8520



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.



126.4860, 80.5430, 76.6950



102.6060, 98.4210, 94.1090



115.4280, 111.6800, 46.5280



116.7990, 5.1800, 5.2440



68.9370, 77.6550, 73.9670



22.2290, 25.1210, 23.8170

Inverse Universe

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



126.4860, 80.5430, 76.6950



102.6060, 98.4210, 94.1090



190.5720, -111.6800, -46.5280



116.7990, 5.1800, 5.2440



68.9370, 77.6550, 73.9670



22.2290, 25.1210, 23.8170

Previews

White Background



This preview shows how the YIQ color 126.4860, 80.5430, 76.6950 looks on a white background.

Color Contrast Check

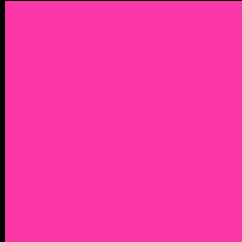
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4860, 80.5430, 76.6950 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 126.4860, 80.5430, 76.6950

Background



This preview shows how black text looks on a background with the YIQ color 126.4860, 80.5430, 76.6950.



This preview shows how white text looks on a background with the YIQ color 126.4860, 80.5430,

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

126.4860, 80.5430, 76.6950

Protanopia

137.7630, -46.7240, 20.7960

Deuteranopia

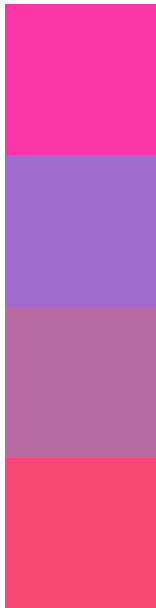
141.1990, -1.6980, 8.7500



Tritanopia

130.6060, 96.1390, 36.3230

Trichromacy



Original Color

126.4860, 80.5430, 76.6950

Protanomaly

133.6060, -0.1450, 41.1910

Deuteranomaly

136.2930, 28.2370, 33.4290

Tritanomaly

129.3410, 90.1760, 50.7840

Monochromacy



Original Color

126.4860, 80.5430, 76.6950

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2020, 29.7510, 28.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.4860, 80.5430, 76.6950 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(251, 55, 168)` looks like.

```
.text, #text, p{  
    color:rgb(251, 55, 168)  
}
```

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(251, 55, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 55, 168) }
```

Border

The CSS property to change the border of an element to YIQ 126.4860, 80.5430, 76.6950 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(251, 55, 168) }
```


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

```
.border{ border-color:rgb(251, 55, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 55, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 55, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 55, 168);  
box-shadow:4px 4px 4px 4px rgb(251, 55,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 126.4860, 80.5430, 76.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 55, 168) }
```

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

```
.background{ background-color: rgb(251, 55,  
168) }
```

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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