

Converting Colors

YIQ(126.8630, 88.5260, 47.6460)

Have a look what the booklet for
YIQ(126.8630, 88.5260, 47.6460)
contains.

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Color

**YIQ(126.8630, 88.5260,
47.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	F1486E
RGB	241, 72, 110
RGB Percent	95%, 28%, 43%
CMY	0.0545, 0.7179, 0.5683
CMYK	0.00, 0.70, 0.54, 0.05
HSL	346°, 86%, 61%
HSV	346°, 70%, 95%
XYZ	41.4444, 24.4730, 17.3147
YIQ	126.8630, 88.5260, 47.6460

Conversions

Conversions Part 2

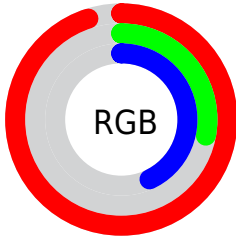
Format	Color
R_{YB}	241, 72, 110
Decimal	15812718
CIE Lab	56.56, 66.40, 16.75
CIE LCh	57, 68.479, 14.155
Yxy	24.4730, 0.4979, 0.2940
Android (android.graphics.Color)	4294002798 (0xFFFF1486E)
YUV	126.8630, -8.3135, 100.0981
Hunter-Lab	49.4702, 62.9682, 13.8775

Details

The YIQ color **126.8630, 88.5260, 47.6460** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **186.1370, -88.5260, -47.6460**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.4960, 64.2740, 35.6180**, and **60.7030, 86.4610, 57.5410** is the 20% darker color. If you saturate the color by 10%, you get **110.6090, 101.2250, 54.2890**, and if you desaturate by 10%, it is **143.1170, 75.8270, 41.0030**.

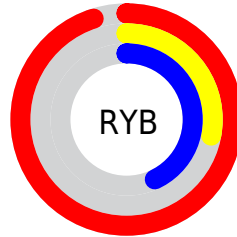
Distribution



Red (95%)

Green (28%)

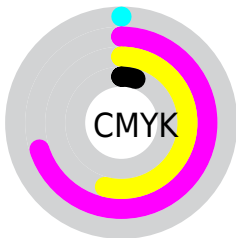
Blue (43%)



Red (95%)

Yellow (28%)

Blue (43%)

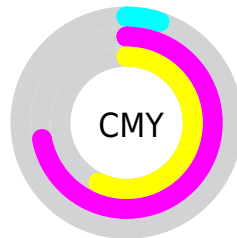


Cyan (0%)

Magenta (70%)

Yellow (54%)

Black (5%)



Cyan (5%)


Magenta (72%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.8630, 88.5260, 47.6460 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 126.8630, 88.5260, 47.6460 by changing the saturation by 10% instead.


 126.8630, 88.5260,
47.6460


 126.8630, 88.5260,
47.6460


255.0000, -0.0000,
-0.0000


 94.3130, 87.3790,
51.9150


 171.4960, 64.2740,
35.6180


 60.7030, 86.4610,
57.5410


 191.5970, 47.6320,
28.8480


 48.9260, 75.0470,
44.1270


 211.8120, 30.6690,
22.3890

 37.7900, 63.2660,
31.8580

 232.0270, 13.7060,
15.9300

 26.4260, 52.1270,
18.9670

 250.8910, 1.9250,
3.6610

 17.8690, 34.5220,
13.1300

 5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 126.8630, 88.5260,
47.6460

■ 126.8630, 88.5260,
47.6460

■ 110.6090,
101.2250, 54.2890

■ 143.1170, 75.8270,
41.0030

■ 94.4690, 113.6030,
61.2430

■ 159.2570, 63.4490,
34.0490

■ 78.2150, 126.3020,
67.8860

■ 175.5110, 50.7500,
27.4060

■ 191.7650, 38.0510,
20.7630

■ 207.9050, 25.6730,
13.8090

224.7460, 12.6990,
6.6430

241.0000, -0.0000,
-0.0000

250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



132.7400, 58.6760, 59.9880



126.8630, 88.5260, 47.6460



128.9080, 91.5120, 15.5440

Triad

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



126.8630, 88.5260, 47.6460



114.3930, -16.4500, -54.3220



117.2510, -122.0960, -0.9120

Complementary

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



126.8630, 88.5260, 47.6460



186.1370, -88.5260, -47.6460

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.



118.7720, -113.9780, -15.8820



126.8630, 88.5260, 47.6460



106.0210, -76.6960, -52.7920

Square

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



126.8630, 88.5260, 47.6460



124.3170, 42.6020, -45.2220



114.2630, -97.1480, -34.5560



120.8520, -89.4550, 18.7770

Rectangle

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



126.8630, 88.5260, 47.6460



128.5100, 85.7400, -12.0200



114.2630, -97.1480, -34.5560



118.6870, -120.6280, -5.4920

Sweetspot

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



126.8630, 88.5260, 47.6460



218.6280, 28.0110, 15.4910



130.1360, 23.2310, 80.1190



106.3660, 16.8250, 8.9610



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.



126.8630, 88.5260, 47.6460



110.4580, 112.1360, 60.2960



148.9460, 88.3490, 12.2930



111.9300, 6.1890, 3.4770



59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Inverse Universe

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



126.8630, 88.5260, 47.6460



110.4580, 112.1360, 60.2960



164.0540, -88.3490, -12.2930



111.9300, 6.1890, 3.4770



59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 126.8630, 88.5260, 47.6460 looks on a white background.

Color Contrast Check

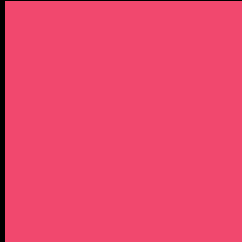
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.8630, 88.5260, 47.6460 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 126.8630, 88.5260, 47.6460

Background



This preview shows how black text looks on a background with the YIQ color 126.8630, 88.5260, 47.6460.



This preview shows how white text looks on a background with the YIQ color 126.8630, 88.5260,

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

126.8630, 88.5260, 47.6460

Protanopia

136.3960, -1.0550, 2.6010

Deuteranopia

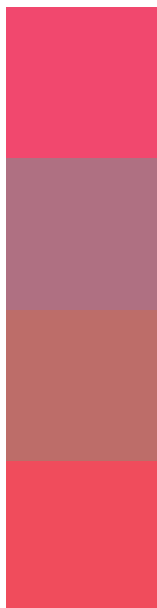
135.7780, 26.8680, -2.3480



Tritanopia

126.8940, 95.2680, 35.5880

Trichromacy



Original Color

126.8630, 88.5260, 47.6460

Protanomaly

132.8890, 31.7700, 18.9540

Deuteranomaly

132.4640, 48.9640, 15.7160

Tritanomaly

126.8600, 92.6080, 39.7440

Monochromacy



Original Color

126.8630, 88.5260, 47.6460

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8350, 31.8620, 17.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8630, 88.5260, 47.6460 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(241, 72, 110)` looks like.

```
.text, #text, p{  
    color:rgb(241, 72, 110)  
}
```

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(241, 72, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 72, 110) }
```

Border

The CSS property to change the border of an element to YIQ 126.8630, 88.5260, 47.6460 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(241, 72, 110) }
```


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

```
.border{ border-color:rgb(241, 72, 110) }
```

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

Here you see how a box with a 4 pixel rgb(241, 72, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 72, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 72, 110);  
box-shadow:4px 4px 4px 4px rgb(241, 72,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8630, 88.5260, 47.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 72, 110) }
```

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

```
.background{ background-color: rgb(241, 72,  
110) }
```

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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