

Converting Colors

YIQ(126.7580, 93.7960, 62.2760)

Have a look what the booklet for
YIQ(126.7580, 93.7960, 62.2760)
contains.

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Color

**YIQ(126.7580, 93.7960,
62.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D81
RGB	255, 61, 129
RGB Percent	100%, 24%, 51%
CMY	0.0000, 0.7610, 0.4938
CMYK	0.00, 0.76, 0.49, 0.00
HSL	339°, 100%, 62%
HSV	339°, 76%, 100%
XYZ	46.8723, 26.1760, 23.3793
YIQ	126.7580, 93.7960, 62.2760

Conversions

Conversions Part 2

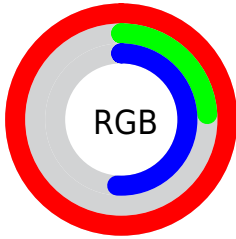
Format	Color
R_{YB}	255, 61, 129
Decimal	16727425
CIE _{Lab}	58.20, 75.19, 8.17
CIE _{LCh}	58, 75.629, 6.205
Yxy	26.1760, 0.4861, 0.2715
Android (android.graphics.Color)	4294917505 (0xFFFF3D81)
YUV	126.7580, 1.1053, 112.4682
Hunter-Lab	51.1624, 73.9978, 8.7204

Details

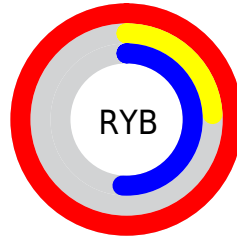
The YIQ color **126.7580, 93.7960, 62.2760** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **189.2420, -93.7960, -62.2760**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.3680, 59.1830, 45.2870**, and **66.5280, 88.7520, 65.5840** is the 20% darker color. If you saturate the color by 10%, you get **109.6720, 106.0820, 70.8980**, and if you desaturate by 10%, it is **143.3710, 81.4640, 54.4880**.

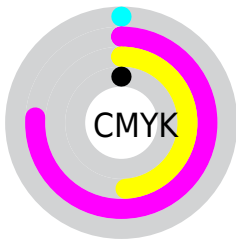
Distribution



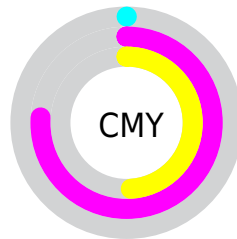
- Red (100%)
- Green (24%)
- Blue (51%)



- Red (100%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (76%)
- Yellow (49%)
- Black (0%)




- Cyan (0%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.7580, 93.7960, 62.2760 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 126.7580, 93.7960, 62.2760 by changing the saturation by 10% instead.


 126.7580, 93.7960,
62.2760


 126.7580, 93.7960,
62.2760


255.0000, -0.0000,
-0.0000


 84.4030, 96.7740,
74.3900


 170.3680, 59.1830,
45.2870


 66.5280, 88.7520,
65.5840


 191.0560, 42.2660,
37.9940


 54.7510, 77.3380,
52.1700


 211.2710, 25.3030,
31.5350

 43.0880, 65.6030,
39.0670

 230.9330, 11.2750,
21.4430

 31.7240, 54.4640,
26.1760

 249.1300, 2.7500,
5.2300

 21.6850, 41.0320,
16.2960

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 126.7580, 93.7960,
62.2760

■ 126.7580, 93.7960,
62.2760

■ 109.6720,
106.0820, 70.8980

■ 143.3710, 81.4640,
54.4880

■ 93.0590, 118.4140,
78.6860

■ 160.4570, 69.1780,
45.8660

■ 86.5050, 123.0900,
82.0500

■ 177.0700, 56.8460,
38.0780

■ 194.1560, 44.5600,
29.4560

■ 210.7690, 32.2280,
21.6680

■ 227.8550, 19.9420,
13.0460

■ 244.4680, 7.6100,
5.2580

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



137.3620, 51.2930, 67.1410



126.7580, 93.7960, 62.2760



129.6850, 102.9260, 28.9580

Triad

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



126.7580, 93.7960, 62.2760



117.5740, 7.4850, -64.0910



123.5770, -126.1300, -4.8980

Complementary

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



126.7580, 93.7960, 62.2760



189.2420, -93.7960, -62.2760

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.



123.3540, -115.8570, -20.3770



126.7580, 93.7960, 62.2760



106.9040, -72.2930, -61.0050

Square

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



126.7580, 93.7960, 62.2760



129.9980, 53.9260, -41.1940



116.5310, -95.2670, -41.1150



113.5980, -121.4550, 3.9930

Rectangle

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



126.7580, 93.7960, 62.2760



131.3640, 98.2550, -2.0410



116.5310, -95.2670, -41.1150



124.7680, -125.3500, -8.0220

Sweetspot

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



126.7580, 93.7960, 62.2760



216.0350, 28.4230, 19.0390



119.8930, 11.0340, 86.4100



104.1320, 17.6040, 11.3640



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.



126.7580, 93.7960, 62.2760



101.6020, 112.2710, 74.3750



134.2680, 108.4740, 27.5300



119.3430, 6.4640, 4.0000



64.7470, 92.3290, 61.3290



21.6440, 31.0820, 20.4100

Inverse Universe

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



126.7580, 93.7960, 62.2760



101.6020, 112.2710, 74.3750



181.7320, -108.4740, -27.5300



119.3430, 6.4640, 4.0000



64.7470, 92.3290, 61.3290



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 126.7580, 93.7960, 62.2760 looks on a white background.

Color Contrast Check

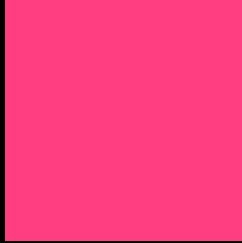
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7580, 93.7960, 62.2760 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 126.7580, 93.7960, 62.2760

Background



This preview shows how black text looks on a background with the YIQ color 126.7580, 93.7960, 62.2760.



This preview shows how white text looks on a background with the YIQ color 126.7580, 93.7960,

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

126.7580, 93.7960, 62.2760

Protanopia

140.9680, -14.1690, 8.9910

Deuteranopia

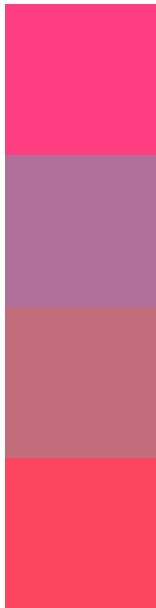
141.0640, 20.3110, 0.8470



Tritanopia

127.5640, 105.1250, 38.6690

Trichromacy



Original Color

126.7580, 93.7960, 62.2760

Protanomaly

135.8640, 24.8910, 27.9870

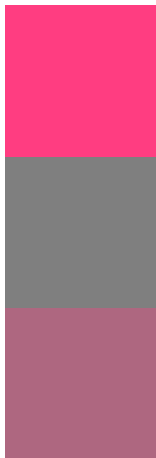
Deuteranomaly

135.7230, 47.0370, 23.1090

Tritanomaly

127.0940, 100.9970, 47.4050

Monochromacy



Original Color

126.7580, 93.7960, 62.2760

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0790, 34.2910, 22.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7580, 93.7960, 62.2760 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(255, 61, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 129)  
}
```

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(255, 61, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 129) }
```

Border

The CSS property to change the border of an element to YIQ 126.7580, 93.7960, 62.2760 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(255, 61, 129) }
```


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

```
.border{ border-color:rgb(255, 61, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7580, 93.7960, 62.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 129) }
```

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

```
.background{ background-color: rgb(255, 61,  
129) }
```

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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