

# Converting Colors

YIQ(126.1560, 81.2320, 69.7120)

Have a look what the booklet for  
YIQ(126.1560, 81.2320, 69.7120)  
contains.

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# Color

**YIQ(126.1560, 81.2320,  
69.7120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73B9B
RGB	247, 59, 155
RGB Percent	97%, 23%, 61%
CMY	0.0309, 0.7689, 0.3919
CMYK	0.00, 0.76, 0.37, 0.03
HSL	329°, 92%, 60%
HSV	329°, 76%, 97%
XYZ	45.8850, 25.2862, 33.5005
YIQ	126.1560, 81.2320, 69.7120

# Conversions

## Conversions Part 2

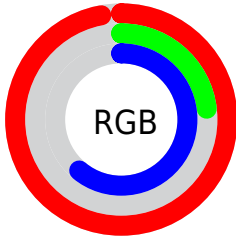
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 59, 155
Decimal	16202651
CIE Lab	57.35, 76.06, -8.55
CIE LCh	57, 76.537, 353.588
Yxy	25.2862, 0.4384, 0.2416
Android (android.graphics.Color)	4294392731 (0xFFFF73B9B)
YUV	126.1560, 14.2201, 105.9802
Hunter-Lab	50.2854, 74.8804, -4.2997

# Details

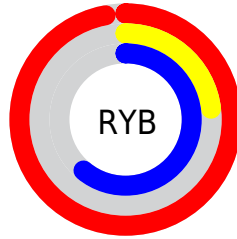
The YIQ color **126.1560, 81.2320, 69.7120** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **179.8440, -81.2320, -69.7120**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2720, 51.0660, 54.7300**, and **67.1710, 76.8760, 71.5640** is the 20% darker color. If you saturate the color by 10%, you get **110.1130, 91.9590, 79.0550**, and if you desaturate by 10%, it is **142.1990, 70.5050, 60.3690**.

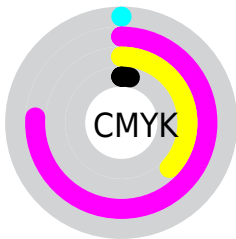
# Distribution



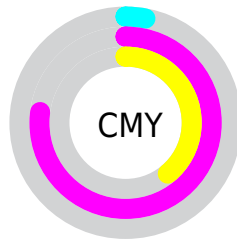
- Red (97%)
- Green (23%)
- Blue (61%)



- Red (97%)
- Yellow (23%)
- Blue (61%)



- Cyan (0%)
- Magenta (76%)
- Yellow (37%)
- Black (3%)




- Cyan (3%)
- Magenta (77%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1560, 81.2320, 69.7120 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 126.1560, 81.2320, 69.7120 by changing the saturation by 10% instead.





 126.1560, 81.2320,  
69.7120


 126.1560, 81.2320,  
69.7120


255.0000, -0.0000,  
-0.0000


 81.6380, 86.2270,  
83.8190


 172.2720, 51.0660,  
54.7300


 67.1710, 76.8760,  
71.5640


 193.1880, 33.5070,  
48.0590

 55.4650, 66.7000,  
57.7400


 212.7360, 19.8000,  
37.6560

 43.8730, 56.2030,  
44.2270

 230.3460, 11.5500,  
21.9660

 32.5090, 45.0640,  
31.3360

 247.9560, 3.3000,  
6.2760

 21.8140, 36.3550,  
18.4590

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,  
0.0000

■ 126.1560, 81.2320,  
69.7120

■ 126.1560, 81.2320,  
69.7120

■ 110.1130, 91.9590,  
79.0550

■ 142.1990, 70.5050,  
60.3690

■ 94.6570, 102.4110,  
87.8750

■ 157.6550, 60.0530,  
51.5490

■ 88.2170, 106.7660,  
91.5500

■ 173.6980, 49.3260,  
42.2060

■ 189.7410, 38.5990,  
32.8630

■ 205.3110, 27.8260,  
24.3540

221.3540, 17.0990,  
15.0110

237.3970, 6.3720,  
5.6680

252.2660, -3.8050,  
-2.6290

252.6080, -4.7680,  
-1.6960

# Harmonies

## Analogous

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



139.5530, 25.7100, 62.7180



126.1560, 81.2320, 69.7120



124.2360, 103.4730, 46.5850

# Triad

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



126.1560, 81.2320, 69.7120



122.4350, 27.2900, -54.0700



123.6110, -123.4700, -9.0540

# Complementary

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



126.1560, 81.2320, 69.7120



179.8440, -81.2320, -69.7120

# 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.



119.6890, -106.9150, -28.2510



126.1560, 81.2320, 69.7120



100.2070, -60.3250, -68.6530

# Square

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



126.1560, 81.2320, 69.7120



129.5320, 70.3380, -30.2540



111.2360, -84.4910, -49.1870



117.1200, -123.1050, 0.8550



# Rectangle

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



126.1560, 81.2320, 69.7120



127.7630, 102.2860, 18.5260



111.2360, -84.4910, -49.1870



122.9610, -118.8840, -15.0760

# Sweetspot

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



126.1560, 81.2320, 69.7120



217.0610, 25.5340, 21.8380



107.6410, -6.1120, 77.7600



104.8160, 15.6780, 13.2300



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.



126.1560, 81.2320, 69.7120



105.8200, 100.3940, 85.8820



115.5540, 111.0850, 40.7890



114.2720, 5.2260, 4.4100



66.4440, 80.3610, 68.9770



21.0610, 25.5340, 21.8380



# Inverse Universe

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



126.1560, 81.2320, 69.7120



105.8200, 100.3940, 85.8820



190.4460, -111.0850, -40.7890



114.2720, 5.2260, 4.4100



66.4440, 80.3610, 68.9770



21.0610, 25.5340, 21.8380



# Previews

## White Background



This preview shows how the YIQ color 126.1560, 81.2320, 69.7120 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 126.1560, 81.2320, 69.7120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

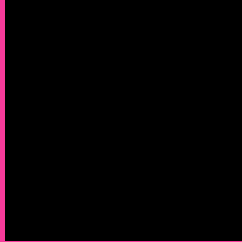
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 126.1560, 81.2320, 69.7120

## Background



This preview shows how black text looks on a background with the YIQ color 126.1560, 81.2320, 69.7120.



This preview shows how white text looks on a background with the YIQ color 126.1560, 81.2320,



# 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

126.1560, 81.2320, 69.7120

### Protanopia

137.4020, -35.5820, 17.1060

### Deuteranopia

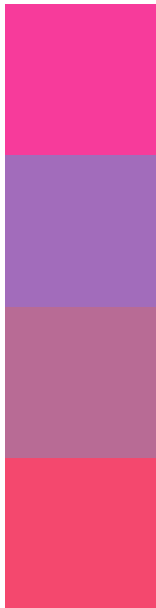
139.5540, 4.4920, 6.7000



## Tritanopia

128.8940, 95.2680, 35.5880

# Trichromacy



## Original Color

126.1560, 81.2320, 69.7120

## Protanomaly

133.1520, 6.8250, 36.0170

## Deuteranomaly

134.8110, 32.4100, 29.3860

## Tritanomaly

127.7600, 90.3140, 48.2820

# Monochromacy



## Original Color

126.1560, 81.2320, 69.7120

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.3220, 29.2930, 25.3010

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.1560, 81.2320, 69.7120 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(247, 59, 155)` looks like.

```
.text, #text, p{  
    color:rgb(247, 59, 155)  
}
```

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(247, 59, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 59, 155) }
```

## Border

The CSS property to change the border of an element to YIQ 126.1560, 81.2320, 69.7120 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(247, 59, 155) }
```



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

```
.border{ border-color:rgb(247, 59, 155) }
```

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

Here you see how a box with a 4 pixel rgb(247, 59, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 59, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 59, 155);  
box-shadow:4px 4px 4px 4px rgb(247, 59,  
155) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.1560, 81.2320, 69.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 59, 155) }
```

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

```
.background{ background-color: rgb(247, 59,  
155) }
```

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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