

Converting Colors

YIQ(146.4150, 70.1370, 67.0410)

Have a look what the booklet for
YIQ(146.4150, 70.1370, 67.0410)
contains.

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Color

**YIQ(146.4150, 70.1370,
67.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	FF54B7
RGB	255, 84, 183
RGB Percent	100%, 33%, 72%
CMY	0.0000, 0.6708, 0.2821
CMYK	0.00, 0.67, 0.28, 0.00
HSL	325°, 100%, 66%
HSV	325°, 67%, 100%
XYZ	52.9574, 31.0106, 48.0223
YIQ	146.4150, 70.1370, 67.0410

Conversions

Conversions Part 2

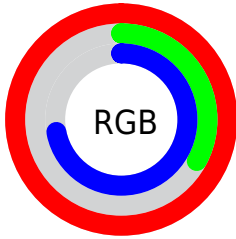
Format	Color
R _Y B	255, 84, 183
Decimal	16733367
CIE Lab	62.52, 73.00, -16.87
CIE LCh	63, 74.923, 346.991
Yxy	31.0106, 0.4012, 0.2349
Android (android.graphics.Color)	4294923447 (0xFFFF54B7)
YUV	146.4150, 18.0364, 95.2290
Hunter-Lab	55.6871, 72.2975, -12.1483

Details

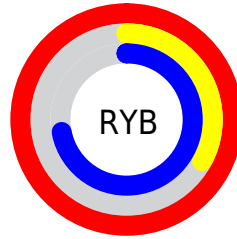
The YIQ color **146.4150, 70.1370, 67.0410** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **192.5850, -70.1370, -67.0410**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0190, 35.6610, 53.0770**, and **72.8260, 73.8940, 81.5580** is the 20% darker color. If you saturate the color by 10%, you get **129.8990, 80.8180, 77.2180**, and if you desaturate by 10%, it is **162.3440, 59.7310, 57.3870**.

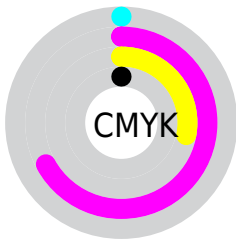
Distribution



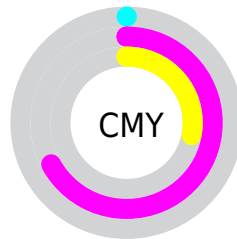
- Red (100%)
- Green (33%)
- Blue (72%)



- Red (100%)
- Yellow (33%)
- Blue (72%)



- Cyan (0%)
- Magenta (67%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.4150, 70.1370, 67.0410 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 146.4150, 70.1370, 67.0410 by changing the saturation by 10% instead.


 146.4150, 70.1370,
67.0410


 146.4150, 70.1370,
67.0410


255.0000, -0.0000,
-0.0000


 114.1100, 69.6780,
69.8540


 188.0190, 35.6610,
53.0770


 72.8260, 73.8940,
81.5580


 206.8660, 22.5500,
42.8860


 61.0060, 64.0390,
67.4230

 224.4760, 14.3000,
27.1960

 49.5990, 54.4590,
53.8110

 242.0860, 6.0500,
11.5060

 38.1920, 44.8790,
40.1990

 27.4260, 34.9320,
27.7320

 15.9050, 25.6730,

13.8090

■ 0.0000, 0.0000,
0.0000

■ 146.4150, 70.1370,
67.0410

■ 146.4150, 70.1370,
67.0410

■ 129.8990, 80.8180,
77.2180

■ 162.3440, 59.7310,
57.3870

■ 114.0840, 90.9030,
87.1830

■ 178.8600, 49.0500,
47.2100

■ 97.5680, 101.5840,
97.3600

■ 194.6750, 38.9650,
37.2450

■ 93.1170, 104.4720,
100.0880

■ 211.1910, 28.2840,
27.0680

■ 227.1200, 17.8780,
17.4140

243.5220, 7.5180,
6.9260

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.



155.3060, 10.1680, 58.0400



146.4150, 70.1370, 67.0410



137.0160, 92.4690, 47.7730

Triad

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



146.4150, 70.1370, 67.0410



137.5740, 43.0160, -52.7280



132.7580, -128.5580, -15.9660

Complementary

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



146.4150, 70.1370, 67.0410



192.5850, -70.1370, -67.0410

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.



127.6790, -110.1230, -36.1950



146.4150, 70.1370, 67.0410



125.1910, -27.8650, -62.2090

Square

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



146.4150, 70.1370, 67.0410



142.3010, 84.2300, -28.7140



118.6390, -87.4240, -56.6080



127.0990, -127.7800, -8.0360

Rectangle

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



146.4150, 70.1370, 67.0410



141.6200, 101.5510, 26.3430



118.6390, -87.4240, -56.6080



131.8800, -123.3300, -22.6100

Sweetspot

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



146.4150, 70.1370, 67.0410



222.6690, 20.7660, 20.1420



124.7230, -12.5750, 68.2330



108.3210, 12.6980, 12.1700



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.



146.4150, 70.1370, 67.0410



125.4480, 83.7060, 79.9460



136.7250, 97.4220, 40.6060



119.6850, 5.5010, 4.9330



69.7630, 78.2050, 75.0130



23.3540, 26.2670, 25.0750

Inverse Universe

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



146.4150, 70.1370, 67.0410



125.4480, 83.7060, 79.9460



202.2750, -97.4220, -40.6060



119.6850, 5.5010, 4.9330



69.7630, 78.2050, 75.0130



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 146.4150, 70.1370, 67.0410 looks on a white background.

Color Contrast Check

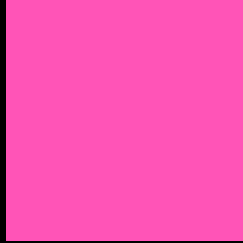
Large Text (above 18pt) WCAG AA × Fail

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 146.4150, 70.1370, 67.0410 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 ✓ Pass

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

YIQ 146.4150, 70.1370, 67.0410

Background



This preview shows how black text looks on a background with the YIQ color 146.4150, 70.1370, 67.0410.



This preview shows how white text looks on a background with the YIQ color 146.4150, 70.1370,

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

146.4150, 70.1370, 67.0410

Protanopia

150.4600, -41.4970, 19.6790

Deuteranopia

153.0570, -4.1740, 9.5700



Tritanopia

147.4520, 84.7690, 33.1290

Trichromacy



Original Color

146.4150, 70.1370, 67.0410



Protanomaly

148.7860, -0.8320, 37.1200



Deuteranomaly

150.6620, 22.6440, 30.1640



Tritanomaly

147.0190, 79.2190, 45.6110

Monochromacy



Original Color

146.4150, 70.1370, 67.0410



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

145.9410, 25.9920, 24.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4150, 70.1370, 67.0410 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, 84, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 183)  
}
```

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, 84, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 183) }
```

Border

The CSS property to change the border of an element to YIQ 146.4150, 70.1370, 67.0410 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, 84, 183) }
```


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

```
.border{ border-color:rgb(255, 84, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4150, 70.1370, 67.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 183) }
```

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

```
.background{ background-color: rgb(255, 84,  
183) }
```

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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