

Converting Colors

YIQ(135.7460, 67.7070, 67.0270)

Have a look what the booklet for
YIQ(135.7460, 67.7070, 67.0270)
contains.

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Color

**YIQ(135.7460, 67.7070,
67.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	F24AAF
RGB	242, 74, 175
RGB Percent	95%, 29%, 69%
CMY	0.0505, 0.7100, 0.3135
CMYK	0.00, 0.69, 0.28, 0.05
HSL	324°, 87%, 62%
HSV	324°, 69%, 95%
XYZ	46.8452, 26.8834, 43.3024
YIQ	135.7460, 67.7070, 67.0270

Conversions

Conversions Part 2

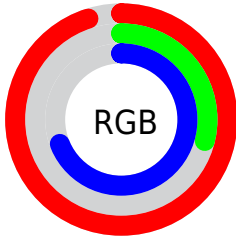
Format	Color
R _Y B	242, 74, 175
Decimal	15878831
CIE Lab	58.87, 72.25, -18.00
CIE LCh	59, 74.462, 346.012
Yxy	26.8834, 0.4003, 0.2297
Android (android.graphics.Color)	4294068911 (0xFFFF24AAF)
YUV	135.7460, 19.3522, 93.1848
Hunter-Lab	51.8492, 70.5369, -13.2223

Details

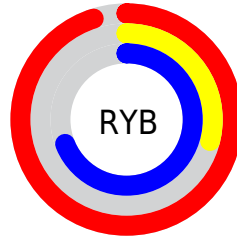
The YIQ color **135.7460, 67.7070, 67.0270** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **180.2540, -67.7070, -67.0270**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2370, 40.9790, 55.8190**, and **68.3260, 69.3100, 76.5260** is the 20% darker color. If you saturate the color by 10%, you get **120.5180, 77.5170, 76.4690**, and if you desaturate by 10%, it is **150.9740, 57.8970, 57.5850**.

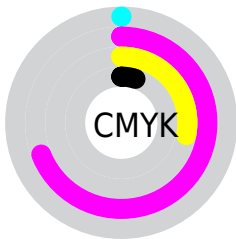
Distribution



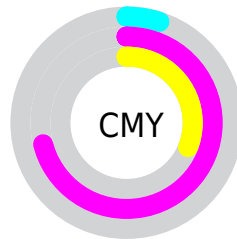
- Red (95%)
- Green (29%)
- Blue (69%)



- Red (95%)
- Yellow (29%)
- Blue (69%)



- Cyan (0%)
- Magenta (69%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.7460, 67.7070, 67.0270 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 135.7460, 67.7070, 67.0270 by changing the saturation by 10% instead.


 135.7460, 67.7070,
67.0270


 135.7460, 67.7070,
67.0270


255.0000, -0.0000,
-0.0000


 102.5660, 68.3940,
71.0980


 181.2370, 40.9790,
55.8190


 68.3260, 69.3100,
76.5260


 200.9960, 25.3000,
48.1160

 56.6200, 59.1340,
62.7020


 218.6060, 17.0500,
32.4260

 45.2130, 49.5540,
49.0900

 236.2160, 8.8000,
16.7360

 33.9200, 39.6530,
35.7890

253.8260, 0.5500,
1.0460

 23.4530, 30.3020,
23.5340

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 135.7460, 67.7070,
67.0270

■ 135.7460, 67.7070,
67.0270

■ 120.5180, 77.5170,
76.4690

■ 150.9740, 57.8970,
57.5850

■ 105.4040, 87.0060,
86.2220

■ 166.0880, 48.4080,
47.8320

■ 89.5890, 97.0910,
96.1870

■ 181.9030, 38.3230,
37.8670

■ 89.0020, 97.3660,
96.7100

■ 197.1310, 28.5130,
28.4250

■ 212.2450, 19.0240,
18.6720

227.4730, 9.2140,
9.2300

242.7010, -0.5960,
-0.2120

250.7710, -6.7850,
-3.6890

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



144.6970, 7.5090, 56.6690



135.7460, 67.7070, 67.0270



129.2880, 97.6950, 52.1830

Triad

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



135.7460, 67.7070, 67.0270



128.7250, 41.2730, -48.6710



125.4060, -121.6350, -14.7790

Complementary

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



135.7460, 67.7070, 67.0270



180.2540, -67.7070, -67.0270

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.



120.4410, -103.5210, -34.6970



135.7460, 67.7070, 67.0270



115.3870, -25.4810, -61.3610

Square

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



135.7460, 67.7070, 67.0270



132.8540, 81.2950, -25.0810



111.5150, -81.1430, -54.7990



121.8160, -125.3050, -3.3290

Rectangle

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



135.7460, 67.7070, 67.0270



132.0870, 101.7340, 28.5340



111.5150, -81.1430, -54.7990



124.5280, -116.4070, -21.4230

Sweetspot

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



135.7460, 67.7070, 67.0270



220.9080, 21.5910, 21.7110



112.2880, -15.7840, 65.8160



107.7340, 12.9730, 12.6930



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.



135.7460, 67.7070, 67.0270



120.9800, 85.2640, 84.7520



126.5120, 93.7080, 41.8360



112.3860, 4.9050, 4.7210



67.5560, 74.3540, 73.2180



20.6200, 22.4620, 22.4460

Inverse Universe

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



135.7460, 67.7070, 67.0270



120.9800, 85.2640, 84.7520



189.4880, -93.7080, -41.8360



112.3860, 4.9050, 4.7210



67.5560, 74.3540, 73.2180



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 135.7460, 67.7070, 67.0270 looks on a white background.

Color Contrast Check

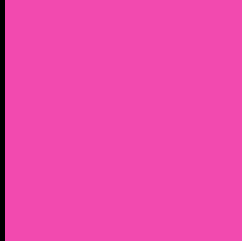
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7460, 67.7070, 67.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

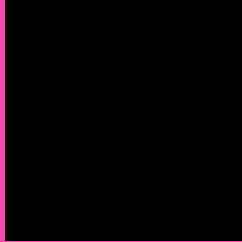
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7460, 67.7070, 67.0270

Background



This preview shows how black text looks on a background with the YIQ color 135.7460, 67.7070, 67.0270.



This preview shows how white text looks on a background with the YIQ color 135.7460, 67.7070,

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

135.7460, 67.7070, 67.0270

Protanopia

140.2040, -43.6520, 20.1880

Deuteranopia

143.5730, -5.6870, 9.4570



Tritanopia

137.1420, 82.7060, 31.9700

Trichromacy



Original Color

135.7460, 67.7070, 67.0270

Protanomaly

138.5300, -2.9870, 37.6290

Deuteranomaly

140.5910, 21.4060, 30.5740

Tritanomaly

136.7090, 77.1560, 44.4520

Monochromacy



Original Color

135.7460, 67.7070, 67.0270

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7560, 25.0750, 24.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7460, 67.7070, 67.0270 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(242, 74, 175)` looks like.

```
.text, #text, p{  
    color:rgb(242, 74, 175)  
}
```

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(242, 74, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 74, 175) }
```

Border

The CSS property to change the border of an element to YIQ 135.7460, 67.7070, 67.0270 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(242, 74, 175) }
```


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

```
.border{ border-color:rgb(242, 74, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 74, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 74, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 74, 175);  
box-shadow:4px 4px 4px 4px rgb(242, 74,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7460, 67.7070, 67.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 74, 175) }
```

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

```
.background{ background-color: rgb(242, 74,  
175) }
```

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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