

Converting Colors

YIQ(134.9370, 77.6550, 73.9670)

Have a look what the booklet for
YIQ(134.9370, 77.6550, 73.9670)
contains.

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Color

**YIQ(134.9370, 77.6550,
73.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	FF42AF
RGB	255, 66, 175
RGB Percent	100%, 26%, 69%
CMY	0.0000, 0.7414, 0.3135
CMYK	0.00, 0.74, 0.31, 0.00
HSL	325°, 100%, 63%
HSV	325°, 74%, 100%
XYZ	50.9271, 28.2446, 43.3544
YIQ	134.9370, 77.6550, 73.9670

Conversions

Conversions Part 2

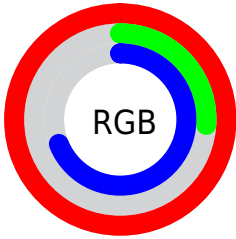
Format	Color
R _Y B	255, 66, 175
Decimal	16728751
CIE Lab	60.11, 78.05, -15.91
CIE LCh	60, 79.656, 348.476
Yxy	28.2446, 0.4156, 0.2305
Android (android.graphics.Color)	4294918831 (0xFFFF42AF)
YUV	134.9370, 19.7511, 105.2953
Hunter-Lab	53.1456, 78.0437, -11.1649

Details

The YIQ color **134.9370, 77.6550, 73.9670** 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 **186.0630, -77.6550, -73.9670**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8890, 42.0790, 57.9110**, and **71.6150, 75.8660, 78.8580** is the 20% darker color. If you saturate the color by 10%, you get **118.4210, 88.3360, 84.1440**, and if you desaturate by 10%, it is **150.8660, 67.2490, 64.3130**.

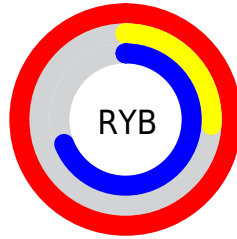
Distribution



Red (100%)

Green (26%)

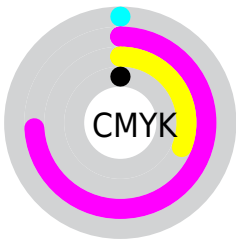
Blue (69%)



Red (100%)

Yellow (26%)

Blue (69%)

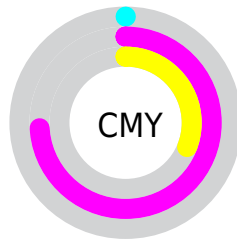


Cyan (0%)

Magenta (74%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.9370, 77.6550, 73.9670 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 134.9370, 77.6550, 73.9670 by changing the saturation by 10% instead.


 134.9370, 77.6550,
73.9670


 134.9370, 77.6550,
73.9670


255.0000, -0.0000,
-0.0000


 95.5880, 80.4960,
83.0560


 178.8890, 42.0790,
57.9110

 71.7290, 75.5450,
79.1690


 199.2350, 26.1250,
49.6850


 59.9090, 65.6900,
65.0340


 216.2580, 18.1500,
34.5180

 48.2030, 55.5140,
51.2100

 234.4550, 9.6250,
18.3050

 36.9100, 45.6130,
37.9090

 252.0650, 1.3750,
2.6150

 26.1440, 35.6660,
25.4420

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 134.9370, 77.6550,
73.9670

■ 134.9370, 77.6550,
73.9670

■ 118.4210, 88.3360,
84.1440

■ 150.8660, 67.2490,
64.3130

■ 102.4920, 98.7420,
93.7980

■ 167.3820, 56.5680,
54.1360

■ 93.0030, 104.7930,
99.7770

■ 183.1970, 46.4830,
44.1710

■ 199.7130, 35.8020,
33.9940

■ 215.6420, 25.3960,
24.3400

232.1580, 14.7150,
14.1630

248.0870, 4.3090,
4.5090

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.



147.5070, 14.1560, 62.8600



134.9370, 77.6550, 73.9670



126.3700, 100.4000, 52.7200

Triad

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



134.9370, 77.6550, 73.9670



131.0510, 37.2390, -52.6570



129.9370, -127.5040, -13.0400

Complementary

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



134.9370, 77.6550, 73.9670



186.0630, -77.6550, -73.9670

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.



124.7440, -108.7480, -33.5800



134.9370, 77.6550, 73.9670



110.5370, -43.8190, -70.4350

Square

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



134.9370, 77.6550, 73.9670



136.3870, 81.1120, -27.2720



115.1340, -84.4440, -55.5480



123.5770, -126.1300, -4.8980

Rectangle

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



134.9370, 77.6550, 73.9670



133.9690, 107.8780, 27.3180



115.1340, -84.4440, -55.5480



128.4720, -122.0010, -19.1610

Sweetspot

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



134.9370, 77.6550, 73.9670



219.3920, 23.1040, 21.8240



111.1670, -13.5850, 75.5270



106.3320, 14.1650, 13.1170



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.



134.9370, 77.6550, 73.9670



110.8070, 93.2410, 88.8650



124.3350, 107.5080, 45.0440



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Inverse Universe

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



134.9370, 77.6550, 73.9670



110.8070, 93.2410, 88.8650



196.6650, -107.5080, -45.0440



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 134.9370, 77.6550, 73.9670 looks on a white background.

Color Contrast Check

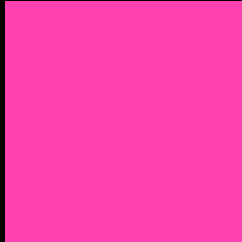
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9370, 77.6550, 73.9670 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 134.9370, 77.6550, 73.9670

Background



This preview shows how black text looks on a background with the YIQ color 134.9370, 77.6550, 73.9670.



This preview shows how white text looks on a background with the YIQ color 134.9370, 77.6550,

73.9670.

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

134.9370, 77.6550, 73.9670

Protanopia

142.9480, -45.8070, 20.6970

Deuteranopia

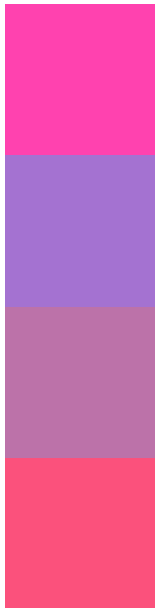
146.4270, -2.3400, 9.3720



Tritanopia

137.5240, 93.4340, 35.7860

Trichromacy



Original Color

134.9370, 77.6550, 73.9670

Protanomaly

139.7800, -0.6950, 40.1450

Deuteranomaly

142.3960, 26.4490, 32.7930

Tritanomaly

136.7320, 87.5170, 49.4130

Monochromacy



Original Color

134.9370, 77.6550, 73.9670

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1910, 28.2840, 27.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9370, 77.6550, 73.9670 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, 66, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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(255, 66, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 175) }
```

Border

The CSS property to change the border of an element to YIQ 134.9370, 77.6550, 73.9670 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, 66, 175) }
```


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

```
.border{ border-color:rgb(255, 66, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9370, 77.6550, 73.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 175) }
```

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

```
.background{ background-color: rgb(255, 66,  
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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