

Converting Colors

YIQ(135.1540, 75.5460, 73.6420)

Have a look what the booklet for
YIQ(135.1540, 75.5460, 73.6420)
contains.

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Color

**YIQ(135.1540, 75.5460,
73.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	FD43B1
RGB	253, 67, 177
RGB Percent	99%, 26%, 69%
CMY	0.0073, 0.7375, 0.3057
CMYK	0.00, 0.74, 0.30, 0.01
HSL	325°, 98%, 63%
HSV	325°, 74%, 99%
XYZ	50.4993, 28.0887, 44.3836
YIQ	135.1540, 75.5460, 73.6420

Conversions

Conversions Part 2

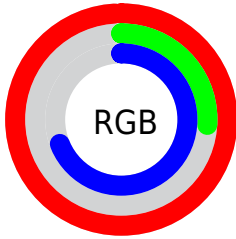
Format	Color
RYB	253, 67, 177
Decimal	16597937
CIELab	59.97, 77.51, -17.31
CIElCh	60, 79.424, 347.411
Yxy	28.0887, 0.4107, 0.2284
Android (android.graphics.Color)	4294788017 (0xFFFD43B1)
YUV	135.1540, 20.6301, 103.3509
Hunter-Lab	52.9988, 77.3339, -12.5531

Details

The YIQ color **135.1540, 75.5460, 73.6420** 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 **184.8460, -75.5460, -73.6420**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.1170, 41.4370, 58.5330**, and **71.5440, 74.6280, 79.2680** is the 20% darker color. If you saturate the color by 10%, you get **119.3390, 85.6310, 83.6070**, and if you desaturate by 10%, it is **150.9690, 65.4610, 63.6770**.

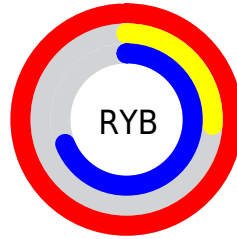
Distribution



Red (99%)

Green (26%)

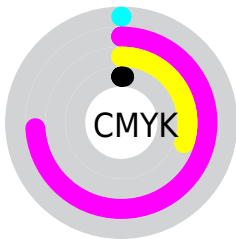
Blue (69%)



Red (99%)

Yellow (26%)

Blue (69%)

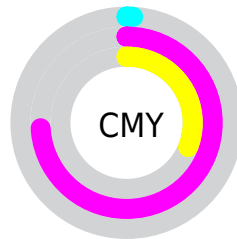


Cyan (0%)

Magenta (74%)

Yellow (30%)

Black (1%)



Cyan (1%)


Magenta (74%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.1540, 75.5460, 73.6420 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 135.1540, 75.5460, 73.6420 by changing the saturation by 10% instead.


 135.1540, 75.5460,
73.6420


 135.1540, 75.5460,
73.6420


255.0000, -0.0000,
-0.0000


 96.9790, 77.8370,
81.6850


 179.1170, 41.4370,
58.5330


 71.5440, 74.6280,
79.2680

 199.2350, 26.1250,
49.6850

 59.7240, 64.7730,
65.1330


 216.8450, 17.8750,
33.9950

 48.0180, 54.5970,
51.3090

 234.4550, 9.6250,
18.3050

 36.5400, 43.7790,
38.1070

 252.0650, 1.3750,
2.6150

 26.0730, 34.4280,
25.8520

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 135.1540, 75.5460,
73.6420

■ 135.1540, 75.5460,
73.6420

■ 119.3390, 85.6310,
83.6070

■ 150.9690, 65.4610,
63.6770

■ 102.8230, 96.3120,
93.7840

■ 167.4850, 54.7800,
53.5000

■ 92.7470, 102.6380,
100.2860

■ 183.3000, 44.6950,
43.5350

■ 199.1150, 34.6100,
33.5700

■ 215.0440, 24.2040,
23.9160

231.4460, 13.8440,
13.4280

247.2610, 3.7590,
3.4630

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



147.3110, 11.7720, 62.0120



135.1540, 75.5460, 73.6420



126.0110, 100.0330, 53.8650

Triad

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



135.1540, 75.5460, 73.6420



131.0620, 38.7060, -51.7100



129.1220, -126.5870, -13.1390

Complementary

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



135.1540, 75.5460, 73.6420



184.8460, -75.5460, -73.6420

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.



123.8150, -107.5100, -33.9900



135.1540, 75.5460, 73.6420



112.4840, -36.3000, -69.0360

Square

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



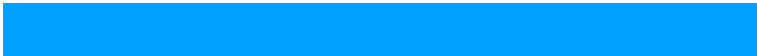
135.1540, 75.5460, 73.6420



136.0990, 81.9830, -26.5370



114.3190, -83.5270, -55.6470



123.5770, -126.1300, -4.8980

Rectangle

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



135.1540, 75.5460, 73.6420



133.3220, 108.3820, 29.1980



114.3190, -83.5270, -55.6470



128.1300, -121.0380, -20.0940

Sweetspot

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



135.1540, 75.5460, 73.6420



219.5060, 22.7830, 22.1350



110.3300, -15.6020, 73.5340



106.4460, 13.8440, 13.4280



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.



135.1540, 75.5460, 73.6420



113.0240, 91.1320, 88.5400



124.7800, 104.7570, 45.3410



119.6850, 5.5010, 4.9330



69.9910, 77.5630, 75.6350



23.4680, 25.9460, 25.3860

Inverse Universe

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



135.1540, 75.5460, 73.6420



113.0240, 91.1320, 88.5400



195.3340, -105.0780, -45.0300



119.6850, 5.5010, 4.9330



69.9910, 77.5630, 75.6350



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 135.1540, 75.5460, 73.6420 looks on a white background.

Color Contrast Check

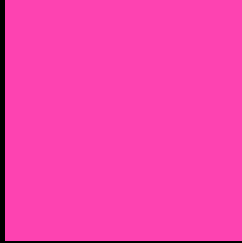
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1540, 75.5460, 73.6420 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 135.1540, 75.5460, 73.6420

Background



This preview shows how black text looks on a background with the YIQ color 135.1540, 75.5460, 73.6420.



This preview shows how white text looks on a background with the YIQ color 135.1540, 75.5460,

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

135.1540, 75.5460, 73.6420

Protanopia

142.8770, -47.0450, 21.1070

Deuteranopia

146.0570, -4.1740, 9.5700



Tritanopia

138.2140, 91.3710, 34.6270

Trichromacy



Original Color

135.1540, 75.5460, 73.6420



Protanomaly

140.2960, -2.2080, 40.0320



Deuteranomaly

142.0260, 24.6150, 32.9910



Tritanomaly

136.8350, 85.7290, 48.7770

Monochromacy



Original Color

135.1540, 75.5460, 73.6420



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

134.8920, 27.6880, 26.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1540, 75.5460, 73.6420 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(253, 67, 177)` looks like.

```
.text, #text, p{  
    color:rgb(253, 67, 177)  
}
```

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(253, 67, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 67, 177) }
```

Border

The CSS property to change the border of an element to YIQ 135.1540, 75.5460, 73.6420 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(253, 67, 177) }
```


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

```
.border{ border-color:rgb(253, 67, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 67, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 67, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 67, 177);  
box-shadow:4px 4px 4px 4px rgb(253, 67,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1540, 75.5460, 73.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 67, 177) }
```

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

```
.background{ background-color: rgb(253, 67,  
177) }
```

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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