

Converting Colors

YIQ(154.4000, 57.2980, 73.9540)

Have a look what the booklet for
YIQ(154.4000, 57.2980, 73.9540)
contains.

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Color

**YIQ(154.4000, 57.2980,
73.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5BD9
RGB	255, 91, 217
RGB Percent	100%, 36%, 85%
CMY	0.0000, 0.6434, 0.1489
CMYK	0.00, 0.64, 0.15, 0.00
HSL	314°, 100%, 68%
HSV	314°, 64%, 100%
XYZ	57.5039, 33.7419, 69.1503
YIQ	154.4000, 57.2980, 73.9540

Conversions

Conversions Part 2

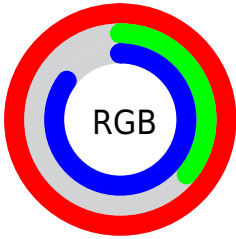
Format	Color
R_{YB}	255, 91, 217
Decimal	16735193
CIE _{Lab}	64.76, 74.79, -32.68
CIE _{LCh}	65, 81.621, 336.400
Yxy	33.7419, 0.3585, 0.2104
Android (android.graphics.Color)	4294925273 (0xFFFF5BD9)
YUV	154.4000, 30.8618, 88.2262
Hunter-Lab	58.0878, 75.0521, -29.9200

Details

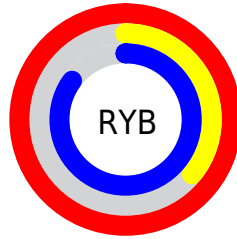
The YIQ color **154.4000, 57.2980, 73.9540** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **191.6000, -57.2980, -73.9540**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.3650, 28.8750, 54.9150**, and **82.6430, 61.4680, 86.4920** is the 20% darker color. If you saturate the color by 10%, you get **138.4540, 66.3740, 85.6860**, and if you desaturate by 10%, it is **169.7590, 48.4970, 62.7450**.

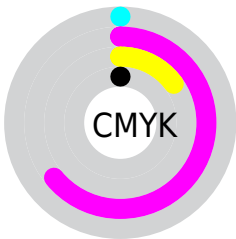
Distribution



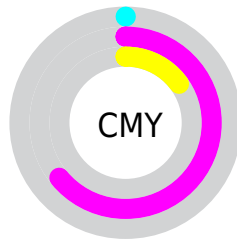
- Red (100%)
- Green (36%)
- Blue (85%)



- Red (100%)
- Yellow (36%)
- Blue (85%)



- Cyan (0%)
- Magenta (64%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.4000, 57.2980, 73.9540 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 154.4000, 57.2980, 73.9540 by changing the saturation by 10% instead.


 154.4000, 57.2980,
73.9540

 154.4000, 57.2980,
73.9540


255.0000, -0.0000,
-0.0000


 123.4540, 57.2060,
75.6220


 193.3650, 28.8750,
54.9150


 82.6430, 61.4680,
86.4920


 210.9750, 20.6250,
39.2250


 64.7250, 55.0050,
76.9650

 227.9980, 12.6500,
24.0580

 53.2040, 45.7460,
63.0420

 245.6080, 4.4000,
8.3680

 41.6830, 36.4870,
49.1190

 30.8740, 28.0990,
35.9310

 19.9940, 18.4730,

23.1530

■ 6.1950, 4.1250,
7.8450

■ 0.0000, 0.0000,
0.0000

■ 154.4000, 57.2980,
73.9540

■ 154.4000, 57.2980,
73.9540

■ 138.4540, 66.3740,
85.6860

■ 169.7590, 48.4970,
62.7450

■ 123.0950, 75.1750,
96.8950

■ 185.7050, 39.4210,
51.0130

■ 107.1490, 84.2510,
108.6270

■ 201.0640, 30.6200,
39.8040

■ 98.5890, 89.0640,
115.0160

■ 217.0100, 21.5440,
28.0720

■ 232.3690, 12.7430,
16.8630

■ 248.2010, 3.9880,
4.8200

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.



158.0040, -12.7090, 48.6270



154.4000, 57.2980, 73.9540



134.4520, 85.9100, 62.0220

Triad

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



154.4000, 57.2980, 73.9540



145.6580, 60.5750, -46.0570



137.9440, -129.3820, -23.0620

Complementary

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



154.4000, 57.2980, 73.9540



191.6000, -57.2980, -73.9540

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.



130.4370, -106.8660, -45.6660



154.4000, 57.2980, 73.9540



132.6030, 8.5410, -72.2190

Square

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



154.4000, 57.2980, 73.9540



146.8630, 103.4390, -18.9050



120.0120, -81.6450, -67.7330



134.7300, -131.3550, -14.8350

Rectangle

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



154.4000, 57.2980, 73.9540



136.6110, 97.7430, 40.2950



120.0120, -81.6450, -67.7330



136.0230, -122.5950, -30.4270

Sweetspot

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



154.4000, 57.2980, 73.9540



225.5700, 16.7310, 21.6830



120.1610, -31.7840, 58.4240



109.5920, 10.4970, 13.5130



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.



154.4000, 57.2980, 73.9540



134.8180, 68.3450, 88.5130



145.2800, 82.9780, 49.0740



120.0270, 4.5380, 5.8660



73.8670, 66.6490, 86.2090



24.7220, 22.4150, 28.8070

Inverse Universe

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



154.4000, 57.2980, 73.9540



134.8180, 68.3450, 88.5130



200.7200, -82.9780, -49.0740



120.0270, 4.5380, 5.8660



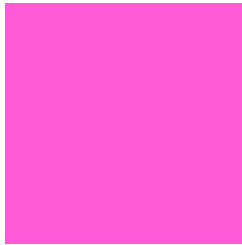
73.8670, 66.6490, 86.2090



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 154.4000, 57.2980, 73.9540 looks on a white background.

Color Contrast Check

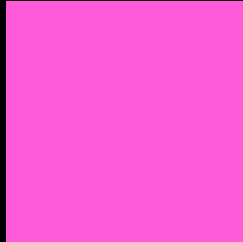
Large Text (above 18pt) WCAG AA × Fail

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 154.4000, 57.2980, 73.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

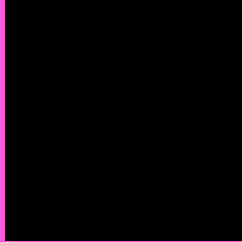
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.4000, 57.2980, 73.9540

Background



This preview shows how black text looks on a background with the YIQ color 154.4000, 57.2980, 73.9540.



This preview shows how white text looks on a background with the YIQ color 154.4000, 57.2980,

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

154.4000, 57.2980, 73.9540

Protanopia

154.4510, -54.4730, 23.5670

Deuteranopia

157.9380, -22.6520, 14.0520



Tritanopia

155.7820, 74.9120, 30.0480

Trichromacy



Original Color

154.4000, 57.2980, 73.9540



Protanomaly

154.3040, -13.8540, 41.8420



Deuteranomaly

156.8530, 6.2290, 35.8050



Tritanomaly

155.2720, 68.2610, 45.9650

Monochromacy



Original Color

154.4000, 57.2980, 73.9540



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.1840, 20.9940, 27.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.4000, 57.2980, 73.9540 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, 91, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 217)  
}
```

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, 91, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 217) }
```

Border

The CSS property to change the border of an element to YIQ 154.4000, 57.2980, 73.9540 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, 91, 217) }
```


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

```
.border{ border-color:rgb(255, 91, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 91, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 154.4000, 57.2980, 73.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 217) }
```

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

```
.background{ background-color: rgb(255, 91,  
217) }
```

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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