

Converting Colors

YIQ(149.9870, 57.0230, 73.4310)

Have a look what the booklet for
YIQ(149.9870, 57.0230, 73.4310)
contains.

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Color

**YIQ(149.9870, 57.0230,
73.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	FA57D4
RGB	250, 87, 212
RGB Percent	98%, 34%, 83%
CMY	0.0191, 0.6591, 0.1685
CMYK	0.00, 0.65, 0.15, 0.02
HSL	314°, 94%, 66%
HSV	314°, 65%, 98%
XYZ	54.7574, 31.9064, 65.5817
YIQ	149.9870, 57.0230, 73.4310

Conversions

Conversions Part 2

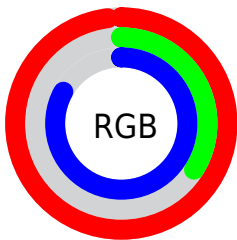
Format	Color
R _{YB}	250, 87, 212
Decimal	16406484
CIE _{Lab}	63.27, 74.38, -32.24
CIE _{LCh}	63, 81.067, 336.567
Y _{xy}	31.9064, 0.3597, 0.2096
Android (android.graphics.Color)	4294596564 (0xFFFA57D4)
YUV	149.9870, 30.5724, 87.7114
Hunter-Lab	56.4858, 74.1881, -29.2975

Details

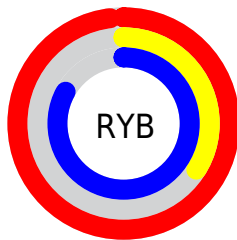
The YIQ color **149.9870, 57.0230, 73.4310** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **187.0130, -57.0230, -73.4310**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6040, 29.7000, 56.4840**, and **74.7080, 62.8430, 89.1070** is the 20% darker color. If you saturate the color by 10%, you get **134.6280, 65.8240, 84.6400**, and if you desaturate by 10%, it is **165.3460, 48.2220, 62.2220**.

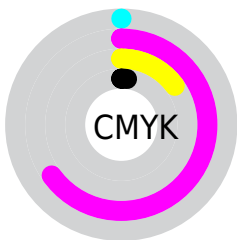
Distribution



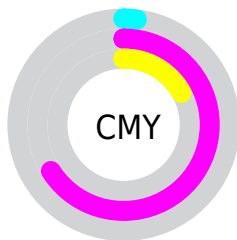
- Red (98%)
- Green (34%)
- Blue (83%)



- Red (98%)
- Yellow (34%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9870, 57.0230, 73.4310 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 149.9870, 57.0230, 73.4310 by changing the saturation by 10% instead.


 149.9870, 57.0230,
73.4310


 149.9870, 57.0230,
73.4310


255.0000, -0.0000,
-0.0000


 118.4540, 57.2060,
75.6220


 191.0170, 29.9750,
57.0070


 74.7080, 62.8430,
89.1070


 208.6270, 21.7250,
41.3170


 62.7740, 53.3090,
74.6610

 225.6500, 13.7500,
26.1500

 51.4380, 44.9670,
60.6390

 243.2600, 5.5000,
10.4600

 40.0310, 35.3870,
47.0270

 29.2220, 26.9990,
33.8390

 18.3420, 17.3730,

21.0610

■ 1.5100, -1.3760,
2.9120

■ 0.0000, 0.0000,
0.0000

■ 149.9870, 57.0230,
73.4310

■ 149.9870, 57.0230,
73.4310

■ 134.6280, 65.8240,
84.6400

■ 165.3460, 48.2220,
62.2220

■ 119.2690, 74.6250,
95.8490

■ 180.7050, 39.4210,
51.0130

■ 104.0240, 83.1050,
107.3690

■ 196.0640, 30.6200,
39.8040

■ 96.6380, 87.3680,
112.7120

■ 211.3090, 22.1400,
28.2840

226.6680, 13.3390,
17.0750

242.0270, 4.5380,
5.8660

253.2770, -2.3380,
-1.6820

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



154.4600, -13.9930, 49.8710



149.9870, 57.0230, 73.4310



131.5340, 88.6150, 62.5590

Triad

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



149.9870, 57.0230, 73.4310



141.8150, 58.6950, -45.0250



135.1400, -126.9980, -22.2140

Complementary

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



149.9870, 57.0230, 73.4310



187.0130, -57.0230, -73.4310

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.



127.7470, -104.8030, -44.5070



149.9870, 57.0230, 73.4310



128.4720, 7.5320, -70.4520

Square

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



149.9870, 57.0230, 73.4310



143.6070, 101.2840, -18.3960



116.7350, -79.3070, -66.0510



132.3820, -130.2550, -12.7430

Rectangle

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



149.9870, 57.0230, 73.4310



133.8070, 100.1270, 41.1430



116.7350, -79.3070, -66.0510



133.2190, -120.2110, -29.5790

Sweetspot

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



149.9870, 57.0230, 73.4310



223.6950, 17.8770, 22.9410



116.9440, -29.6750, 58.7490



108.8910, 11.0930, 13.7250



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.



149.9870, 57.0230, 73.4310



132.9430, 69.4910, 89.7710



140.6390, 83.3450, 47.9290



117.0270, 4.5380, 5.8660



73.0410, 66.0990, 85.1630



23.5970, 21.2690, 27.5490

Inverse Universe

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



149.9870, 57.0230, 73.4310



132.9430, 69.4910, 89.7710



196.3610, -83.3450, -47.9290



117.0270, 4.5380, 5.8660



73.0410, 66.0990, 85.1630



23.5970, 21.2690, 27.5490

Previews

White Background



This preview shows how the YIQ color 149.9870, 57.0230, 73.4310 looks on a white background.

Color Contrast Check

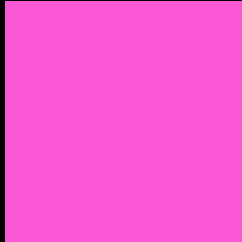
Large Text (above 18pt) WCAG AA × Fail

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 149.9870, 57.0230, 73.4310 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 149.9870, 57.0230, 73.4310

Background



This preview shows how black text looks on a background with the YIQ color 149.9870, 57.0230, 73.4310.



This preview shows how white text looks on a background with the YIQ color 149.9870, 57.0230,

73.4310.

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

149.9870, 57.0230, 73.4310

Protanopia

150.0100, -57.5450, 24.1750

Deuteranopia

154.1230, -21.7350, 13.9530



Tritanopia

151.4830, 74.3160, 29.8360

Trichromacy



Original Color

149.9870, 57.0230, 73.4310



Protanomaly

149.9340, -15.6880, 42.0400



Deuteranomaly

152.7390, 6.5500, 35.4940



Tritanomaly

150.8590, 67.9860, 45.4420

Monochromacy



Original Color

149.9870, 57.0230, 73.4310



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.8850, 20.3980, 26.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9870, 57.0230, 73.4310 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(250, 87, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 87, 212)  
}
```

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(250, 87, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 87, 212) }
```

Border

The CSS property to change the border of an element to YIQ 149.9870, 57.0230, 73.4310 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(250, 87, 212) }
```


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

```
.border{ border-color:rgb(250, 87, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 87, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 87, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 87, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 87,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9870, 57.0230, 73.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 87, 212) }
```

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

```
.background{ background-color: rgb(250, 87,  
212) }
```

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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