

Converting Colors

YIQ(127.5930, 98.1540, 49.3700)

Have a look what the booklet for
YIQ(127.5930, 98.1540, 49.3700)
contains.

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Color

**YIQ(127.5930, 98.1540,
49.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	FC4567
RGB	252, 69, 103
RGB Percent	99%, 27%, 40%
CMY	0.0113, 0.7297, 0.5957
CMYK	0.00, 0.73, 0.59, 0.01
HSL	349°, 97%, 63%
HSV	349°, 73%, 99%
XYZ	44.7633, 25.9451, 15.5050
YIQ	127.5930, 98.1540, 49.3700

Conversions

Conversions Part 2

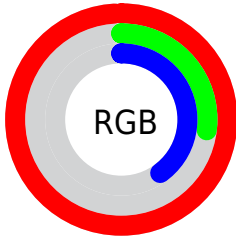
Format	Color
R_{YB}	252, 69, 103
Decimal	16532839
CIE Lab	57.98, 70.11, 23.12
CIE LCh	58, 73.827, 18.250
Yxy	25.9451, 0.5192, 0.3009
Android (android.graphics.Color)	4294722919 (0xFFFC4567)
YUV	127.5930, -12.1243, 109.1049
Hunter-Lab	50.9364, 67.7287, 17.6076

Details

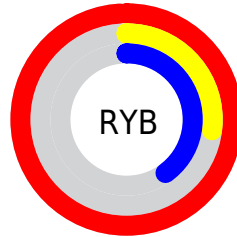
The YIQ color **127.5930, 98.1540, 49.3700** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **193.4070, -98.1540, -49.3700**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1110, 66.7960, 33.9640**, and **62.7100, 93.7510, 57.5830** is the 20% darker color. If you saturate the color by 10%, you get **110.6380, 111.4490, 56.2250**, and if you desaturate by 10%, it is **144.6620, 84.5380, 42.8260**.

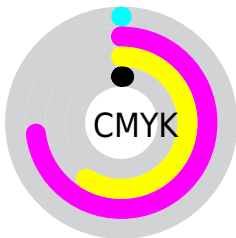
Distribution



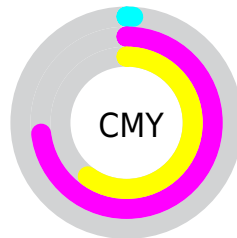
- Red (99%)
- Green (27%)
- Blue (40%)



- Red (99%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (73%)
- Yellow (59%)
- Black (1%)





- Cyan (1%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.5930, 98.1540, 49.3700 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 127.5930, 98.1540, 49.3700 by changing the saturation by 10% instead.


 127.5930, 98.1540,
49.3700


 127.5930, 98.1540,
49.3700


255.0000, -0.0000,
-0.0000


 92.9830, 97.2360,
54.9960


 170.1110, 66.7960,
33.9640


 63.0090, 94.3470,
57.7950


 190.2120, 50.1540,
27.1940


 51.0470, 82.0160,
44.4800


 210.3130, 33.5120,
20.4240

 39.4980, 69.9600,
31.6880

 231.1150, 16.2740,
13.4420

 28.5190, 56.2990,
20.4510

 250.8910, 1.9250,
3.6610

 20.0760, 38.3730,
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 127.5930, 98.1540,
49.3700

■ 127.5930, 98.1540,
49.3700

■ 110.6380,
111.4490, 56.2250

■ 144.6620, 84.5380,
42.8260

■ 93.5690, 125.0650,
62.7690


■ 161.6170, 71.2430,
35.9710


■ 80.7060, 135.1050,
68.0410


■ 179.2730, 57.3520,
28.9040

■ 196.2280, 44.0570,
22.0490

■ 213.2970, 30.4410,
15.5050

 230.2520, 17.1460,
8.6500

 247.3210, 3.5300,
2.1060

 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



132.3010, 70.4580, 66.7300



127.5930, 98.1540, 49.3700



131.6820, 97.8400, 10.9920

Triad

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



127.5930, 98.1540, 49.3700



111.3690, -34.2380, -62.3500



119.4680, -124.2050, -1.2370

Complementary

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



127.5930, 98.1540, 49.3700



193.4070, -98.1540, -49.3700

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.



123.6450, -120.8100, -13.2100



127.5930, 98.1540, 49.3700



110.6830, -81.5560, -52.8200

Square

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



127.5930, 98.1540, 49.3700



126.0450, 37.3760, -49.6320



118.9080, -103.3380, -32.5060



128.3700, -76.1140, 24.7980

Rectangle

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



127.5930, 98.1540, 49.3700



130.5610, 89.7300, -18.2540



118.9080, -103.3380, -32.5060



122.4030, -125.5800, -3.8520

Sweetspot

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



127.5930, 98.1540, 49.3700



216.8840, 30.1660, 14.9820



133.5160, 28.2730, 87.8650



104.9640, 18.0170, 9.3850



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.



127.5930, 98.1540, 49.3700



104.1660, 118.8300, 60.1260



156.0020, 93.9430, 10.0310



116.2290, 6.7850, 3.6890



60.5010, 101.4090, 50.9530



19.4930, 32.8250, 16.3530

Inverse Universe

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



127.5930, 98.1540, 49.3700



104.1660, 118.8300, 60.1260



164.9980, -93.9430, -10.0310



116.2290, 6.7850, 3.6890



60.5010, 101.4090, 50.9530



19.4930, 32.8250, 16.3530

Previews

White Background



This preview shows how the YIQ color 127.5930, 98.1540, 49.3700 looks on a white background.

Color Contrast Check

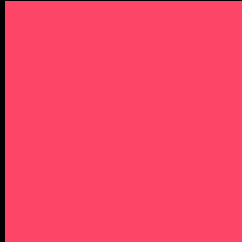
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5930, 98.1540, 49.3700 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 127.5930, 98.1540, 49.3700

Background



This preview shows how black text looks on a background with the YIQ color 127.5930, 98.1540, 49.3700.



This preview shows how white text looks on a background with the YIQ color 127.5930, 98.1540,

49.3700.

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

127.5930, 98.1540, 49.3700

Protanopia

139.7400, 3.6680, -0.3960

Deuteranopia

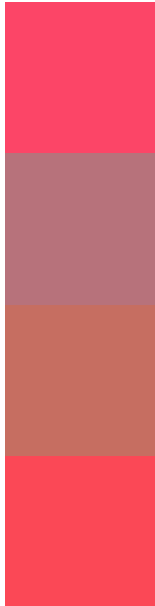
139.3070, 32.5080, -5.4440



Tritanopia

127.2650, 104.5290, 38.4570

Trichromacy



Original Color

127.5930, 98.1540, 49.3700

Protanomaly

135.6570, 38.2350, 17.4270

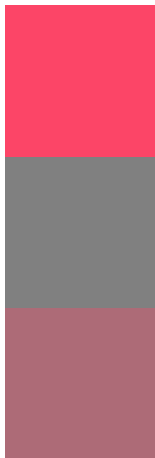
Deuteranomaly

134.8300, 56.6210, 14.6130

Tritanomaly

127.1170, 102.1900, 42.3020

Monochromacy



Original Color

127.5930, 98.1540, 49.3700

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1020, 35.4840, 17.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5930, 98.1540, 49.3700 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(252, 69, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 69, 103)  
}
```

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(252, 69, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 69, 103) }
```

Border

The CSS property to change the border of an element to YIQ 127.5930, 98.1540, 49.3700 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(252, 69, 103) }
```


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

```
.border{ border-color:rgb(252, 69, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 69, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 69, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 69, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 69,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5930, 98.1540, 49.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 69, 103) }
```

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

```
.background{ background-color: rgb(252, 69,  
103) }
```

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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