

Converting Colors

YIQ(175.2950, 43.0910, 39.5630)

Have a look what the booklet for
YIQ(175.2950, 43.0910, 39.5630)
contains.

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Color

**YIQ(175.2950, 43.0910,
39.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	F18AC3
RGB	241, 138, 195
RGB Percent	95%, 54%, 76%
CMY	0.0546, 0.4590, 0.2352
CMYK	0.00, 0.43, 0.19, 0.05
HSL	327°, 79%, 74%
HSV	327°, 43%, 95%
XYZ	55.2363, 40.8195, 56.6166
YIQ	175.2950, 43.0910, 39.5630

Conversions

Conversions Part 2

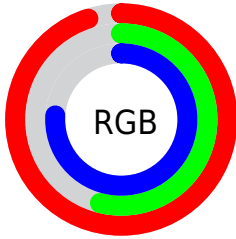
Format	Color
R _Y B	241, 138, 195
Decimal	15829699
CIE Lab	70.05, 46.35, -12.47
CIE LCh	70, 47.997, 344.947
Yxy	40.8195, 0.3618, 0.2674
Android (android.graphics.Color)	4294019779 (0xFFFF18AC3)
YUV	175.2950, 9.7146, 57.6233
Hunter-Lab	63.8902, 42.5146, -7.8170

Details

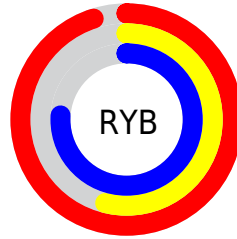
The YIQ color **175.2950, 43.0910, 39.5630** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.7050, -43.0910, -39.5630**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.2640, 18.0130, 31.4930**, and **120.6860, 40.4320, 38.1920** is the 20% darker color. If you saturate the color by 10%, you get **159.9530, 53.2220, 48.6940**, and if you desaturate by 10%, it is **190.6370, 32.9600, 30.4320**.

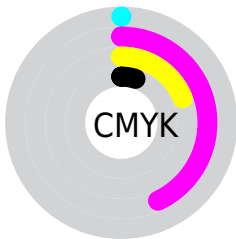
Distribution



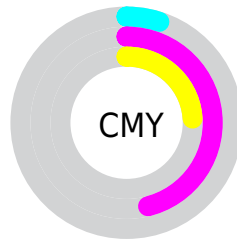
- Red (95%)
- Green (54%)
- Blue (76%)



- Red (95%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.2950, 43.0910, 39.5630 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 175.2950, 43.0910, 39.5630 by changing the saturation by 10% instead.


 175.2950, 43.0910,
39.5630

 175.2950, 43.0910,
39.5630


255.0000, -0.0000,
-0.0000


 147.6970, 41.8990,
39.1390


 218.2640, 18.0130,
31.4930


 120.6860, 40.4320,
38.1920


 235.6290, 9.0750,
17.2590

 94.2020, 38.9190,
38.0790

 252.6520, 1.1000,
2.0920

 66.5440, 37.9560,
39.0120

 37.6520, 37.7720,
42.3480

 27.2560, 29.6590,
29.6830

 18.0990, 22.3710,

18.5870

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 175.2950, 43.0910,
39.5630

■ 175.2950, 43.0910,
39.5630

■ 159.9530, 53.2220,
48.6940

■ 190.6370, 32.9600,
30.4320

■ 144.7250, 63.0320,
58.1360

■ 205.9790, 22.8290,
21.3010

■ 129.3830, 73.1630,
67.2670

■ 221.2070, 13.0190,
11.8590

■ 114.0410, 83.2940,
76.3980

■ 236.5490, 2.8880,
2.7280

■ 98.1120, 93.7000,
86.0520

■ 250.1300, -6.4180,
-4.8340

■ 87.2210, 100.9430,
92.4550

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



175.8960, 4.6700, 36.5260



175.2950, 43.0910, 39.5630



172.9920, 65.5130, 29.6810

Triad

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



175.2950, 43.0910, 39.5630



165.5120, 29.5320, -28.6120



138.5650, -126.9970, -27.7410

Complementary

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



175.2950, 43.0910, 39.5630



203.7050, -43.0910, -39.5630

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.



135.7660, -114.9820, -41.7500



175.2950, 43.0910, 39.5630



159.3530, -9.8050, -37.0770

Square

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



175.2950, 43.0910, 39.5630



168.8950, 56.8550, -11.6650



147.4020, -64.2270, -41.9790



141.5850, -120.5810, -11.8530

Rectangle

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



175.2950, 43.0910, 39.5630



171.6530, 70.4210, 17.8210



147.4020, -64.2270, -41.9790



137.7840, -123.4200, -31.9960

Sweetspot

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



175.2950, 43.0910, 39.5630



233.9190, 13.8900, 12.5940



163.1970, -6.2430, 41.5730



114.5330, 8.9850, 7.8730



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.



175.2950, 43.0910, 39.5630



172.0780, 54.3680, 49.9520



169.5950, 59.1410, 24.0130



112.2720, 5.2260, 4.4100



66.6440, 76.9220, 70.7300



20.2780, 23.4250, 21.5130

Inverse Universe

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



175.2950, 43.0910, 39.5630



172.0780, 54.3680, 49.9520



209.4050, -59.1410, -24.0130



112.2720, 5.2260, 4.4100



66.6440, 76.9220, 70.7300



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 175.2950, 43.0910, 39.5630 looks on a white background.

Color Contrast Check

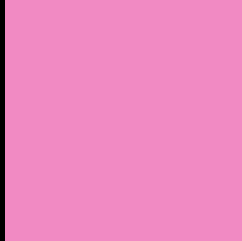
Large Text (above 18pt) WCAG AA × Fail

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 175.2950, 43.0910, 39.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

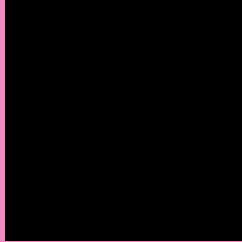
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.2950, 43.0910, 39.5630

Background



This preview shows how black text looks on a background with the YIQ color 175.2950, 43.0910, 39.5630.



This preview shows how white text looks on a background with the YIQ color 175.2950, 43.0910,

39.5630.

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

175.2950, 43.0910, 39.5630

Protanopia

172.3680, -21.0470, 12.4970

Deuteranopia

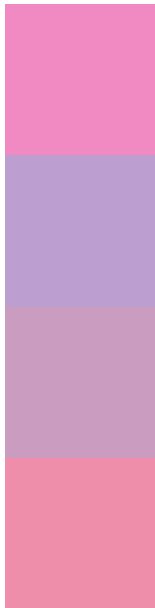
173.5090, 0.3650, 9.9090



Tritanopia

173.7620, 51.3010, 22.9250

Trichromacy



Original Color

175.2950, 43.0910, 39.5630

Protanomaly

173.0830, 2.1050, 22.4330

Deuteranomaly

173.8580, 15.8600, 20.9480

Tritanomaly

173.8960, 48.2280, 29.0600

Monochromacy



Original Color

175.2950, 43.0910, 39.5630

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.3430, 15.6320, 14.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2950, 43.0910, 39.5630 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(241, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(241, 138, 195)  
}
```

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(241, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 138, 195) }
```

Border

The CSS property to change the border of an element to YIQ 175.2950, 43.0910, 39.5630 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(241, 138, 195) }
```


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

```
.border{ border-color:rgb(241, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(241, 138,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2950, 43.0910, 39.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 138, 195) }
```

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

```
.background{ background-color: rgb(241,  
138, 195) }
```

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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