

Converting Colors

YIQ(176.9620, 39.8350, 43.5070)

Have a look what the booklet for
YIQ(176.9620, 39.8350, 43.5070)
contains.

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Color

**YIQ(176.9620, 39.8350,
43.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	F28ACF
RGB	242, 138, 207
RGB Percent	95%, 54%, 81%
CMY	0.0507, 0.4590, 0.1881
CMYK	0.00, 0.43, 0.14, 0.05
HSL	320°, 80%, 75%
HSV	320°, 43%, 95%
XYZ	56.9914, 41.5611, 64.0669
YIQ	176.9620, 39.8350, 43.5070

Conversions

Conversions Part 2

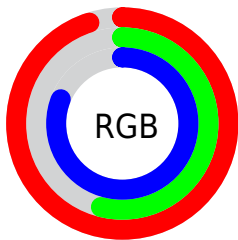
Format	Color
R _Y B	242, 138, 207
Decimal	15895247
CIE Lab	70.57, 48.49, -18.34
CIE LCh	71, 51.843, 339.284
Yxy	41.5611, 0.3505, 0.2556
Android (android.graphics.Color)	4294085327 (0xFFFF28ACF)
YUV	176.9620, 14.8087, 57.0383
Hunter-Lab	64.4679, 44.9799, -13.7937

Details

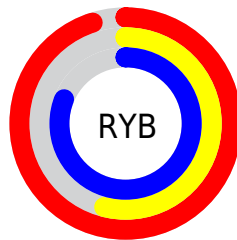
The YIQ color **176.9620, 39.8350, 43.5070** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.0380, -39.8350, -43.5070**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 16.7750, 31.9030**, and **122.3530, 37.1760, 42.1360** is the 20% darker color. If you saturate the color by 10%, you get **161.9620, 49.0030, 53.5710**, and if you desaturate by 10%, it is **191.9620, 30.6670, 33.4430**.

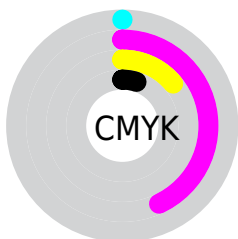
Distribution



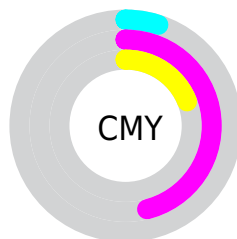
- Red (95%)
- Green (54%)
- Blue (81%)



- Red (95%)
- Yellow (54%)
- Blue (81%)



- Cyan (0%)
- Magenta (43%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.9620, 39.8350, 43.5070 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 176.9620, 39.8350, 43.5070 by changing the saturation by 10% instead.


 176.9620, 39.8350,
43.5070

 176.9620, 39.8350,
43.5070


255.0000, -0.0000,
-0.0000


 149.2500, 38.9640,
42.7720


 218.6060, 17.0500,
32.4260


 122.3530, 37.1760,
42.1360


 235.6290, 9.0750,
17.2590

 95.1680, 36.2590,
42.2350

 252.6520, 1.1000,
2.0920

 67.3960, 35.6170,
42.8570

 38.9770, 35.4790,
45.3590

 28.5810, 27.3660,
32.6940

 19.3100, 20.3990,

21.2870

■ 5.6530, 8.5270,
5.1590

■ 0.0000, 0.0000,
0.0000

■ 176.9620, 39.8350,
43.5070

■ 176.9620, 39.8350,
43.5070

■ 161.9620, 49.0030,
53.5710

■ 191.9620, 30.6670,
33.4430

■ 146.9620, 58.1710,
63.6350

■ 206.9620, 21.4990,
23.3790

■ 131.3750, 67.6140,
74.2220

■ 222.5490, 12.0560,
12.7920

■ 116.2610, 77.1030,
83.9750

■ 237.6630, 2.5670,
3.0390

■ 101.2610, 86.2710,
94.0390

■ 250.3150, -5.5010,
-4.9330

■ 90.7120, 92.5510,
101.3750

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



176.7470, -5.0960, 37.3040



176.9620, 39.8350, 43.5070



172.5560, 64.0450, 34.2610

Triad

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



176.9620, 39.8350, 43.5070



167.0030, 38.3350, -28.4570



140.2120, -127.5010, -29.6210

Complementary

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



176.9620, 39.8350, 43.5070



203.0380, -39.8350, -43.5070

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.



136.8430, -113.8810, -45.1850



176.9620, 39.8350, 43.5070



161.1920, -2.1020, -39.0140

Square

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



176.9620, 39.8350, 43.5070



170.1950, 64.8780, -8.3860



148.7460, -59.5040, -44.9760



138.8390, -133.2800, -18.4960

Rectangle

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



176.9620, 39.8350, 43.5070



171.3700, 72.8960, 22.5280



148.7460, -59.5040, -44.9760



139.7900, -123.5570, -35.0210

Sweetspot

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



176.9620, 39.8350, 43.5070



234.3750, 12.6060, 13.8380



160.3210, -12.5240, 39.7640



114.8750, 8.0220, 8.8060



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.



176.9620, 39.8350, 43.5070



171.7990, 51.0200, 55.5640



171.0340, 56.5270, 27.3350



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Inverse Universe

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



176.9620, 39.8350, 43.5070



171.7990, 51.0200, 55.5640



208.9660, -56.5270, -27.3350



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 176.9620, 39.8350, 43.5070 looks on a white background.

Color Contrast Check

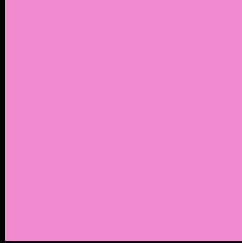
Large Text (above 18pt) WCAG AA × Fail

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 176.9620, 39.8350, 43.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

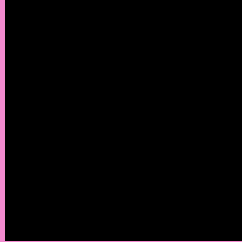
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.9620, 39.8350, 43.5070

Background



This preview shows how black text looks on a background with the YIQ color 176.9620, 39.8350, 43.5070.



This preview shows how white text looks on a background with the YIQ color 176.9620, 39.8350,

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

176.9620, 39.8350, 43.5070

Protanopia

173.5400, -27.2830, 15.3810

Deuteranopia

174.8550, -6.4210, 11.7470



Tritanopia

175.8650, 49.5130, 22.2890

Trichromacy



Original Color

176.9620, 39.8350, 43.5070



Protanomaly

174.8530, -2.9390, 25.7410



Deuteranomaly

175.8020, 10.2660, 23.2100



Tritanomaly

176.0530, 46.3480, 30.0920

Monochromacy



Original Color

176.9620, 39.8350, 43.5070



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.2120, 14.6230, 15.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9620, 39.8350, 43.5070 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(242, 138, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 138, 207)  
}
```

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(242, 138, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 138, 207) }
```

Border

The CSS property to change the border of an element to YIQ 176.9620, 39.8350, 43.5070 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(242, 138, 207) }
```


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

```
.border{ border-color:rgb(242, 138, 207) }
```

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

Here you see how a box with a 4 pixel rgb(242, 138, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 138, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 138, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 138,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9620, 39.8350, 43.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 138, 207) }
```

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

```
.background{ background-color: rgb(242,  
138, 207) }
```

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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