

Converting Colors

YIQ(176.4440, 44.8300, 57.6140)

Have a look what the booklet for
YIQ(176.4440, 44.8300, 57.6140)
contains.

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Color

**YIQ(176.4440, 44.8300,
57.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7FE1
RGB	255, 127, 225
RGB Percent	100%, 50%, 88%
CMY	0.0000, 0.5021, 0.1175
CMYK	0.00, 0.50, 0.12, 0.00
HSL	314°, 100%, 75%
HSV	314°, 50%, 100%
XYZ	62.4166, 41.8626, 76.0433
YIQ	176.4440, 44.8300, 57.6140

Conversions

Conversions Part 2

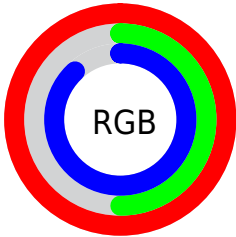
Format	Color
R _Y B	255, 127, 225
Decimal	16744417
CIE Lab	70.78, 60.57, -27.83
CIE LCh	71, 66.654, 335.320
Yxy	41.8626, 0.3461, 0.2322
Android (android.graphics.Color)	4294934497 (0xFFFF7FE1)
YUV	176.4440, 23.9381, 68.8936
Hunter-Lab	64.7013, 58.9697, -24.3925

Details

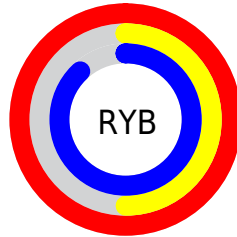
The YIQ color **176.4440, 44.8300, 57.6140** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **205.5560, -44.8300, -57.6140**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.7360, 19.8000, 37.6560**, and **119.5470, 43.0420, 56.9780** is the 20% darker color. If you saturate the color by 10%, you get **160.4980, 53.9060, 69.3460**, and if you desaturate by 10%, it is **191.8030, 36.0290, 46.4050**.

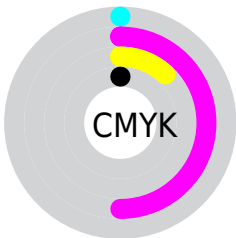
Distribution



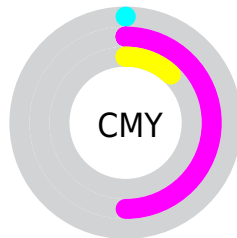
- Red (100%)
- Green (50%)
- Blue (88%)



- Red (100%)
- Yellow (50%)
- Blue (88%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.4440, 44.8300, 57.6140 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 176.4440, 44.8300, 57.6140 by changing the saturation by 10% instead.


 176.4440, 44.8300,
57.6140


 176.4440, 44.8300,
57.6140


255.0000, -0.0000,
-0.0000


 147.8460, 43.6380,
57.1900


 212.7360, 19.8000,
37.6560


 119.5470, 43.0420,
56.9780


 229.7590, 11.8250,
22.4890

 89.7150, 42.6290,
58.9570

 247.3690, 3.5750,
6.7990

 54.8990, 45.2870,
65.8550

 43.6770, 36.6240,
52.1440

 32.8680, 28.2360,
38.9560

 22.8850, 20.3980,

26.8140

■ 11.4070, 9.5800,
13.6120

■ 0.0000, 0.0000,
0.0000

■ 176.4440, 44.8300,
57.6140

■ 176.4440, 44.8300,
57.6140

■ 160.4980, 53.9060,
69.3460

■ 191.8030, 36.0290,
46.4050

■ 145.1390, 62.7070,
80.5550

■ 207.7490, 26.9530,
34.6730

■ 129.1930, 71.7830,
92.2870

■ 223.1080, 18.1520,
23.4640

■ 113.8340, 80.5840,
103.4960

■ 239.0540, 9.0760,
11.7320

■ 98.4750, 89.3850,
114.7050

254.4130, 0.2750,
0.5230

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.



174.8050, -11.0110, 39.8770



176.4440, 44.8300, 57.6140



162.5600, 67.3900, 45.2300

Triad

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



176.4440, 44.8300, 57.6140



164.6610, 56.4930, -38.1550



145.5750, -132.9570, -29.8610

Complementary

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



176.4440, 44.8300, 57.6140



205.5560, -44.8300, -57.6140

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.



139.4360, -114.2930, -48.7330



176.4440, 44.8300, 57.6140



158.2230, 4.6400, -51.0720

Square

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



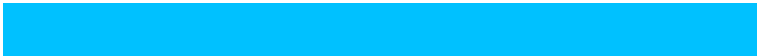
176.4440, 44.8300, 57.6140



168.3190, 84.9600, -8.8960



130.4930, -93.2450, -66.7570



142.3610, -134.9300, -21.6340

Rectangle

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



176.4440, 44.8300, 57.6140



161.5220, 78.5800, 29.6520



130.4930, -93.2450, -66.7570



143.9960, -127.1330, -36.2930

Sweetspot

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



176.4440, 44.8300, 57.6140



231.6680, 13.3390, 17.0750



150.5620, -23.2080, 46.1680



113.8150, 8.2510, 10.1630



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.



176.4440, 44.8300, 57.6140



161.0850, 53.6310, 68.8230



169.1480, 65.3740, 37.7100



120.0270, 4.5380, 5.8660



73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Inverse Universe

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



176.4440, 44.8300, 57.6140



161.0850, 53.6310, 68.8230



212.8520, -65.3740, -37.7100



120.0270, 4.5380, 5.8660



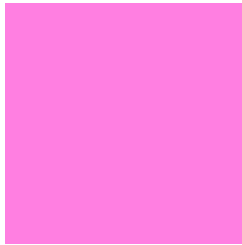
73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 176.4440, 44.8300, 57.6140 looks on a white background.

Color Contrast Check

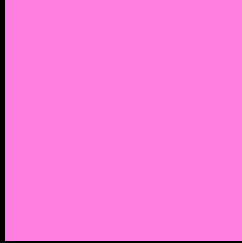
Large Text (above 18pt) WCAG AA × Fail

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 176.4440, 44.8300, 57.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

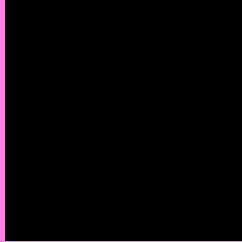
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4440, 44.8300, 57.6140

Background



This preview shows how black text looks on a background with the YIQ color 176.4440, 44.8300, 57.6140.



This preview shows how white text looks on a background with the YIQ color 176.4440, 44.8300,

57.6140.

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

176.4440, 44.8300, 57.6140

Protanopia

172.8020, -42.4600, 20.6120

Deuteranopia

174.8740, -16.6000, 14.5040



Tritanopia

175.2360, 58.7740, 25.1580

Trichromacy



Original Color

176.4440, 44.8300, 57.6140



Protanomaly

174.1160, -10.6890, 34.0390



Deuteranomaly

175.3920, 5.9090, 30.5890



Tritanomaly

175.5750, 53.8660, 37.0180

Monochromacy



Original Color

176.4440, 44.8300, 57.6140



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.1570, 16.4560, 21.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4440, 44.8300, 57.6140 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, 127, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 225)  
}
```

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, 127, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 225) }
```

Border

The CSS property to change the border of an element to YIQ 176.4440, 44.8300, 57.6140 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, 127, 225) }
```


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

```
.border{ border-color:rgb(255, 127, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4440, 44.8300, 57.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 225) }
```

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

```
.background{ background-color: rgb(255,  
127, 225) }
```

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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