

Converting Colors

YIQ(176.8200, 46.5270, 54.3910)

Have a look what the booklet for
YIQ(176.8200, 46.5270, 54.3910)
contains.

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Color

**YIQ(176.8200, 46.5270,
54.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81DA
RGB	255, 129, 218
RGB Percent	100%, 51%, 85%
CMY	0.0000, 0.4943, 0.1450
CMYK	0.00, 0.49, 0.14, 0.00
HSL	318°, 100%, 75%
HSV	318°, 49%, 100%
XYZ	61.7421, 42.0101, 71.2045
YIQ	176.8200, 46.5270, 54.3910

Conversions

Conversions Part 2

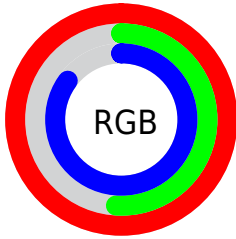
Format	Color
RYB	255, 129, 218
Decimal	16744922
CIELab	70.88, 58.56, -23.81
CIELCh	71, 63.211, 337.873
Yxy	42.0101, 0.3529, 0.2401
Android (android.graphics.Color)	4294935002 (0xFFFF81DA)
YUV	176.8200, 20.3017, 68.5639
Hunter-Lab	64.8152, 56.6100, -19.7640

Details

The YIQ color **176.8200, 46.5270, 54.3910** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **207.1800, -46.5270, -54.3910**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9100, 19.2500, 36.6100**, and **120.0370, 44.4180, 54.0660** is the 20% darker color. If you saturate the color by 10%, you get **160.7600, 55.9240, 65.8120**, and if you desaturate by 10%, it is **192.4070, 37.0840, 43.8040**.

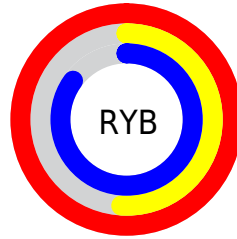
Distribution



Red (100%)

Green (51%)

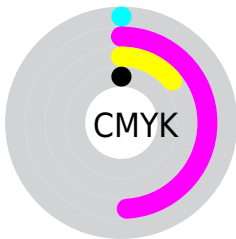
Blue (85%)



Red (100%)

Yellow (51%)

Blue (85%)

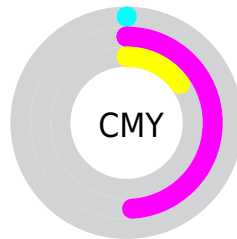


Cyan (0%)

Magenta (49%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.8200, 46.5270, 54.3910 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 176.8200, 46.5270, 54.3910 by changing the saturation by 10% instead.


 176.8200, 46.5270,
54.3910


 176.8200, 46.5270,
54.3910


255.0000, -0.0000,
-0.0000

 148.2220, 45.3350,
53.9670


 213.9100, 19.2500,
36.6100


 120.0370, 44.4180,
54.0660


 230.9330, 11.2750,
21.4430

 91.3790, 43.4550,
54.9990

 247.9560, 3.3000,
6.2760

 54.2150, 47.2130,
63.9890

 42.9930, 38.5500,
50.2780

 32.2980, 29.8410,
37.4010

 22.3150, 22.0030,

25.2590

■ 10.7230, 11.5060,
11.7460

■ 0.0000, 0.0000,
0.0000

■ 176.8200, 46.5270,
54.3910

■ 176.8200, 46.5270,
54.3910

■ 160.7600, 55.9240,
65.8120

■ 192.4070, 37.0840,
43.8040

■ 145.1730, 65.3670,
76.3990

■ 208.4670, 27.6870,
32.3830

■ 129.1130, 74.7640,
87.8200

■ 223.9400, 18.5650,
21.4850

■ 113.5260, 84.2070,
98.4070

■ 240.1140, 8.8470,
10.3750

■ 97.4660, 93.6040, 255.0000, -0.0000,
109.8280 -0.0000

■ 96.7650, 94.2000,
110.0400

Harmonies

Analogous

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



176.8980, -6.8390, 41.3610



176.8200, 46.5270, 54.3910



165.0390, 67.2990, 41.3710

Triad

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



176.8200, 46.5270, 54.3910



165.1210, 49.3860, -36.0060



144.5150, -132.7280, -28.5040

Complementary

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



176.8200, 46.5270, 54.3910



207.1800, -46.5270, -54.3910

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.



139.3050, -115.3020, -46.9660



176.8200, 46.5270, 54.3910



158.8790, -0.0830, -48.0750

Square

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



176.8200, 46.5270, 54.3910



169.6280, 79.5960, -10.8040



130.8180, -95.5380, -63.7460



141.1870, -134.3800, -20.5880

Rectangle

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



176.8200, 46.5270, 54.3910



164.8160, 77.5720, 25.8920



130.8180, -95.5380, -63.7460



143.7510, -127.8210, -34.8370

Sweetspot

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



176.8200, 46.5270, 54.3910



231.4400, 13.9810, 16.4530



154.1280, -18.9900, 46.8180



113.7010, 8.5720, 9.8520



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.



176.8200, 46.5270, 54.3910



161.9340, 55.3740, 64.7660



169.7520, 66.4290, 35.1090



119.9130, 4.8590, 5.5550



72.4990, 70.5010, 82.4770



24.2660, 23.6990, 27.5630

Inverse Universe

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



176.8200, 46.5270, 54.3910



161.9340, 55.3740, 64.7660



214.2480, -66.4290, -35.1090



119.9130, 4.8590, 5.5550



72.4990, 70.5010, 82.4770



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 176.8200, 46.5270, 54.3910 looks on a white background.

Color Contrast Check

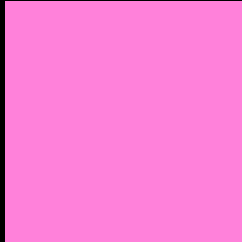
Large Text (above 18pt) WCAG AA × Fail

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 176.8200, 46.5270, 54.3910 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 176.8200, 46.5270, 54.3910

Background



This preview shows how black text looks on a background with the YIQ color 176.8200, 46.5270, 54.3910.



This preview shows how white text looks on a background with the YIQ color 176.8200, 46.5270,

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

176.8200, 46.5270, 54.3910

Protanopia

173.4280, -38.4710, 19.9050

Deuteranopia

175.2720, -11.9690, 13.1750



Tritanopia

175.5350, 59.3700, 25.3700

Trichromacy



Original Color

176.8200, 46.5270, 54.3910



Protanomaly

174.9160, -7.2500, 32.2860



Deuteranomaly

175.7790, 9.0730, 28.3130



Tritanomaly

176.2330, 54.8290, 36.0850

Monochromacy



Original Color

176.8200, 46.5270, 54.3910



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.1030, 16.5480, 19.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8200, 46.5270, 54.3910 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, 129, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 218)  
}
```

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, 129, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 218) }
```

Border

The CSS property to change the border of an element to YIQ 176.8200, 46.5270, 54.3910 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, 129, 218) }
```


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

```
.border{ border-color:rgb(255, 129, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8200, 46.5270, 54.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 218) }
```

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

```
.background{ background-color: rgb(255,  
129, 218) }
```

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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