

Converting Colors

YIQ(181.5840, 49.6470, 41.8950)

Have a look what the booklet for
YIQ(181.5840, 49.6470, 41.8950)
contains.

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Color

**YIQ(181.5840, 49.6470,
41.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DC6
RGB	255, 141, 198
RGB Percent	100%, 55%, 78%
CMY	0.0000, 0.4472, 0.2234
CMYK	0.00, 0.45, 0.22, 0.00
HSL	330°, 100%, 78%
HSV	330°, 45%, 100%
XYZ	60.9554, 44.3747, 58.8021
YIQ	181.5840, 49.6470, 41.8950

Conversions

Conversions Part 2

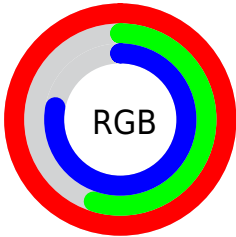
Format	Color
R_{YB}	255, 141, 198
Decimal	16747974
CIE _{Lab}	72.48, 49.81, -10.32
CIE _{LCh}	72, 50.869, 348.293
Y _{xy}	44.3747, 0.3714, 0.2704
Android (android.graphics.Color)	4294938054 (0xFFFF8DC6)
Y_{UV}	181.5840, 8.0931, 64.3858
Hunter-Lab	66.6143, 46.7612, -5.7067

Details

The YIQ color **181.5840, 49.6470, 41.8950** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **214.4160, -49.6470, -41.8950**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 15.9500, 30.3340**, and **126.0890, 46.6670, 40.8350** is the 20% darker color. If you saturate the color by 10%, you get **164.8400, 60.9700, 51.4500**, and if you desaturate by 10%, it is **197.7410, 38.5990, 32.8630**.

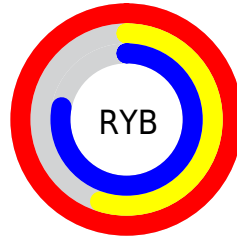
Distribution



Red (100%)

Green (55%)

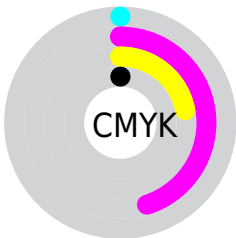
Blue (78%)



Red (100%)

Yellow (55%)

Blue (78%)

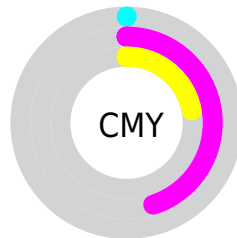


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.5840, 49.6470, 41.8950 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 181.5840, 49.6470, 41.8950 by changing the saturation by 10% instead.


 181.5840, 49.6470,
41.8950

 181.5840, 49.6470,
41.8950


255.0000, -0.0000,
-0.0000


 153.6870, 47.8590,
41.2590


 220.9540, 15.9500,
30.3340


 126.0890, 46.6670,
40.8350

 237.9770, 7.9750,
15.1670

 98.7190, 44.8330,
41.0330

 70.4740, 44.1450,
42.4890

 41.1690, 43.6860,
45.3020

 30.5880, 34.6560,
32.7360

 20.7190, 26.4970,

20.9050

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 181.5840, 49.6470,
41.8950

■ 181.5840, 49.6470,
41.8950

■ 164.8400, 60.9700,
51.4500

■ 197.7410, 38.5990,
32.8630

■ 148.7970, 71.6970,
60.7930

■ 214.4850, 27.2760,
23.3080

■ 132.0530, 83.0200,
70.3480

■ 230.5280, 16.5490,
13.9650

■ 115.8960, 94.0680,
79.3800

■ 247.2720, 5.2260,
4.4100

■ 99.1520, 105.3910, 255.0000, -0.0000,
88.9350 -0.0000

■ 90.8370, 110.8920,
93.8680

Harmonies

Analogous

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



183.2280, 9.6670, 39.5790



181.5840, 49.6470, 41.8950



175.6390, 65.0090, 27.8010

Triad

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



181.5840, 49.6470, 41.8950



171.0340, 27.8820, -31.7500



144.2700, -133.4160, -27.0480

Complementary

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



181.5840, 49.6470, 41.8950



214.4160, -49.6470, -41.8950

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.



141.3570, -121.0800, -41.3680



181.5840, 49.6470, 41.8950



164.5370, -16.3150, -40.2430

Square

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



181.5840, 49.6470, 41.8950



174.9720, 57.9560, -15.1000



147.2580, -81.5570, -47.2930



148.9940, -114.4830, -12.2350

Rectangle

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



181.5840, 49.6470, 41.8950



176.4420, 72.3930, 15.1210



147.2580, -81.5570, -47.2930



143.4890, -129.8390, -31.3030

Sweetspot

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



181.5840, 49.6470, 41.8950



233.6910, 14.5320, 11.9720



170.4410, -3.8140, 47.1140



114.4190, 9.3060, 7.5620



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.



181.5840, 49.6470, 41.8950



166.1280, 60.0990, 50.7150



175.3140, 67.3020, 24.7900



119.5710, 5.8220, 4.6220



68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Inverse Universe

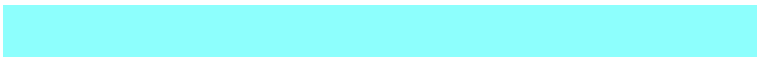
The Inverse Universe completely reimagines the original color for something new.



181.5840, 49.6470, 41.8950



166.1280, 60.0990, 50.7150



220.6860, -67.3020, -24.7900



119.5710, 5.8220, 4.6220



68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 181.5840, 49.6470, 41.8950 looks on a white background.

Color Contrast Check

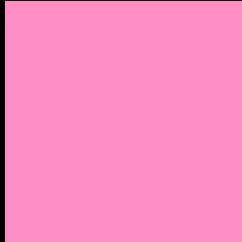
Large Text (above 18pt) WCAG AA × Fail

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 181.5840, 49.6470, 41.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

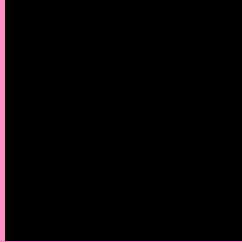
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.5840, 49.6470, 41.8950

Background



This preview shows how black text looks on a background with the YIQ color 181.5840, 49.6470, 41.8950.



This preview shows how white text looks on a background with the YIQ color 181.5840, 49.6470,

41.8950.

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

181.5840, 49.6470, 41.8950

Protanopia

178.8520, -19.5340, 12.6100

Deuteranopia

180.0640, 3.1160, 9.6120



Tritanopia

180.0510, 57.8570, 25.2570

Trichromacy



Original Color

181.5840, 49.6470, 41.8950



Protanomaly

179.7630, 6.0020, 23.3940



Deuteranomaly

180.4240, 20.0780, 21.5980



Tritanomaly

180.1850, 54.7840, 31.3920

Monochromacy



Original Color

181.5840, 49.6470, 41.8950



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.9520, 18.2910, 15.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.5840, 49.6470, 41.8950 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, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 198)  
}
```

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, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 198) }
```

Border

The CSS property to change the border of an element to YIQ 181.5840, 49.6470, 41.8950 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, 141, 198) }
```


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

```
.border{ border-color:rgb(255, 141, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 181.5840, 49.6470, 41.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 198) }
```

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

```
.background{ background-color: rgb(255,  
141, 198) }
```

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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