

Converting Colors

YIQ(181.9260, 48.6840, 42.8280)

Have a look what the booklet for
YIQ(181.9260, 48.6840, 42.8280)
contains.

YIQ(181.9260, 48.6840, 42.8280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(181.9260, 48.6840,
42.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DC9
RGB	255, 141, 201
RGB Percent	100%, 55%, 79%
CMY	0.0000, 0.4472, 0.2116
CMYK	0.00, 0.45, 0.21, 0.00
HSL	328°, 100%, 78%
HSV	328°, 45%, 100%
XYZ	61.3049, 44.5145, 60.6425
YIQ	181.9260, 48.6840, 42.8280

Conversions

Conversions Part 2

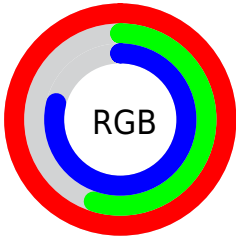
Format	Color
R_{YB}	255, 141, 201
Decimal	16747977
CIE _{Lab}	72.57, 50.23, -11.84
CIE _{LCh}	73, 51.610, 346.734
Yxy	44.5145, 0.3683, 0.2674
Android (android.graphics.Color)	4294938057 (0xFFFF8DC9)
YUV	181.9260, 9.4035, 64.0859
Hunter-Lab	66.7192, 47.2560, -7.1865

Details

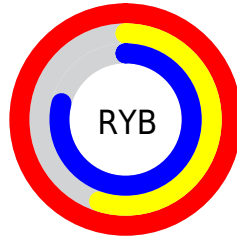
The YIQ color **181.9260, 48.6840, 42.8280** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **214.0740, -48.6840, -42.8280**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.9540, 15.9500, 30.3340**, and **126.4310, 45.7040, 41.7680** is the 20% darker color. If you saturate the color by 10%, you get **165.2960, 59.6860, 52.6940**, and if you desaturate by 10%, it is **197.9690, 37.9570, 33.4850**.

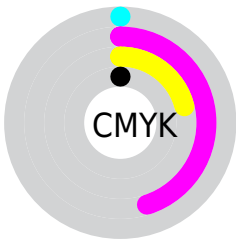
Distribution



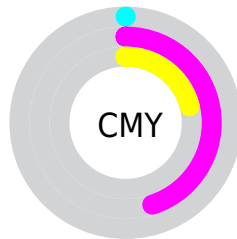
- Red (100%)
- Green (55%)
- Blue (79%)



- Red (100%)
- Yellow (55%)
- Blue (79%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.9260, 48.6840, 42.8280 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 181.9260, 48.6840, 42.8280 by changing the saturation by 10% instead.


 181.9260, 48.6840,
42.8280

 181.9260, 48.6840,
42.8280


255.0000, -0.0000,
-0.0000


 154.0290, 46.8960,
42.1920


 220.9540, 15.9500,
30.3340


 126.4310, 45.7040,
41.7680

 237.9770, 7.9750,
15.1670

 98.9470, 44.1910,
41.6550

 70.7020, 43.5030,
43.1110

 41.8100, 43.3190,
46.4470

 31.1150, 34.6100,
33.5700

 20.9470, 25.8550,

21.5270

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 181.9260, 48.6840,
42.8280

■ 181.9260, 48.6840,
42.8280

■ 165.2960, 59.6860,
52.6940

■ 197.9690, 37.9570,
33.4850

■ 149.2530, 70.4130,
62.0370

■ 214.5990, 26.9550,
23.6190

■ 132.6230, 81.4150,
71.9030

■ 230.6420, 16.2280,
14.2760

■ 116.5800, 92.1420,
81.2460

■ 247.2720, 5.2260,
4.4100

■ 99.9500, 103.1440, 255.0000, -0.0000,
91.1120 -0.0000

■ 91.5210, 108.9660,
95.7340

Harmonies

Analogous

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



182.9720, 7.5120, 40.0880



181.9260, 48.6840, 42.8280



175.2800, 64.6420, 28.9460

Triad

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



181.9260, 48.6840, 42.8280



171.4040, 29.7160, -31.9480



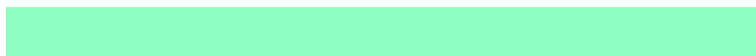
144.2700, -133.4160, -27.0480

Complementary

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



181.9260, 48.6840, 42.8280



214.0740, -48.6840, -42.8280

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.



141.8300, -121.0340, -42.2020



181.9260, 48.6840, 42.8280



165.0920, -13.5640, -40.5400

Square

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



181.9260, 48.6840, 42.8280



175.2820, 60.0190, -13.9410



148.5140, -79.4020, -47.8020



140.0130, -133.8300, -19.5420

Rectangle

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



181.9260, 48.6840, 42.8280



176.0830, 72.0260, 16.2660



148.5140, -79.4020, -47.8020



143.9620, -129.7930, -32.1370

Sweetspot

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



181.9260, 48.6840, 42.8280



233.8050, 14.2110, 12.2830



169.8430, -5.0060, 46.6900



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.



181.9260, 48.6840, 42.8280



166.5840, 58.8150, 51.9590



175.5420, 66.6600, 25.4120



119.5710, 5.8220, 4.6220



68.6230, 81.4150, 71.9030



23.0120, 27.2300, 24.1420

Inverse Universe

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



181.9260, 48.6840, 42.8280



166.5840, 58.8150, 51.9590



220.4580, -66.6600, -25.4120



119.5710, 5.8220, 4.6220



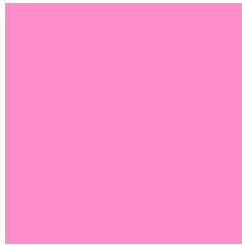
68.6230, 81.4150, 71.9030



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 181.9260, 48.6840, 42.8280 looks on a white background.

Color Contrast Check

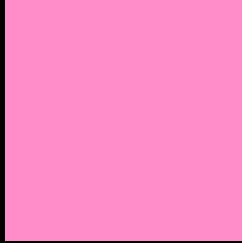
Large Text (above 18pt) WCAG AA × Fail

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 181.9260, 48.6840, 42.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

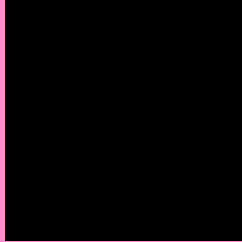
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.9260, 48.6840, 42.8280

Background



This preview shows how black text looks on a background with the YIQ color 181.9260, 48.6840, 42.8280.



This preview shows how white text looks on a background with the YIQ color 181.9260, 48.6840,

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

181.9260, 48.6840, 42.8280

Protanopia

179.4820, -21.3680, 12.8080

Deuteranopia

180.5800, 1.6030, 9.4990



Tritanopia

180.7520, 57.2610, 25.0450

Trichromacy



Original Color

181.9260, 48.6840, 42.8280



Protanomaly

180.3930, 4.1680, 23.5920



Deuteranomaly

180.9400, 18.5650, 21.4850



Tritanomaly

181.0000, 53.8670, 31.4910

Monochromacy



Original Color

181.9260, 48.6840, 42.8280



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

182.0660, 17.9700, 15.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.9260, 48.6840, 42.8280 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 201) }
```

Border

The CSS property to change the border of an element to YIQ 181.9260, 48.6840, 42.8280 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, 201) }
```


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

```
.border{ border-color:rgb(255, 141, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 181.9260, 48.6840, 42.8280 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
141, 201) }
```

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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