

Converting Colors

YIQ(185.9210, 47.0800, 38.8560)

Have a look what the booklet for
YIQ(185.9210, 47.0800, 38.8560)
contains.

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Color

**YIQ(185.9210, 47.0800,
38.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94C8
RGB	255, 148, 200
RGB Percent	100%, 58%, 78%
CMY	0.0000, 0.4198, 0.2155
CMYK	0.00, 0.42, 0.22, 0.00
HSL	331°, 100%, 79%
HSV	331°, 42%, 100%
XYZ	62.2526, 46.5976, 60.3797
YIQ	185.9210, 47.0800, 38.8560

Conversions

Conversions Part 2

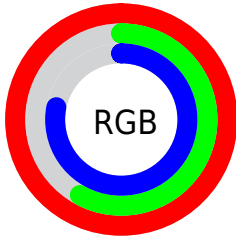
Format	Color
R_{YB}	255, 148, 200
Decimal	16749768
CIE _{Lab}	73.93, 46.58, -9.26
CIE _{LCh}	74, 47.495, 348.758
Yxy	46.5976, 0.3679, 0.2754
Android (android.graphics.Color)	4294939848 (0xFFFF94C8)
YUV	185.9210, 6.9409, 60.5823
Hunter-Lab	68.2625, 43.3254, -4.6596

Details

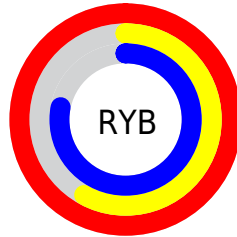
The YIQ color **185.9210, 47.0800, 38.8560** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.0790, -47.0800, -38.8560**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0630, 14.0250, 26.6730**, and **130.4260, 44.1000, 37.7960** is the 20% darker color. If you saturate the color by 10%, you get **169.1770, 58.4030, 48.4110**, and if you desaturate by 10%, it is **202.0780, 36.0320, 29.8240**.

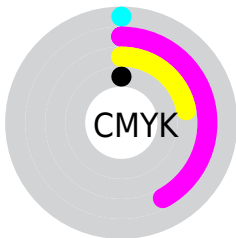
Distribution



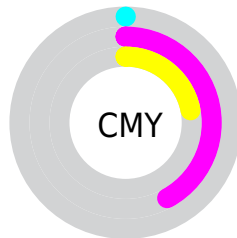
- Red (100%)
- Green (58%)
- Blue (78%)



- Red (100%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.9210, 47.0800, 38.8560 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 185.9210, 47.0800, 38.8560 by changing the saturation by 10% instead.


 185.9210, 47.0800,
38.8560


 185.9210, 47.0800,
38.8560


255.0000, -0.0000,
-0.0000


 158.0240, 45.2920,
38.2200


 225.0630, 14.0250,
26.6730


 130.4260, 44.1000,
37.7960

 242.0860, 6.0500,
11.5060

 103.8280, 42.9080,
37.3720

 76.8710, 41.3490,
38.0930

 45.8050, 41.7150,
42.4750

 31.0010, 34.9310,
33.2590

 21.2460, 26.4510,

21.7390

■ 10.2800, 19.9430,
7.5190

■ 0.0000, 0.0000,
0.0000

■ 185.9210, 47.0800,
38.8560

■ 185.9210, 47.0800,
38.8560

■ 169.1770, 58.4030,
48.4110

■ 202.0780, 36.0320,
29.8240

■ 153.0200, 69.4510,
57.4430

■ 218.8220, 24.7090,
20.2690

■ 136.2760, 80.7740,
66.9980

■ 234.9790, 13.6610,
11.2370

■ 120.1190, 91.8220,
76.0300

■ 251.7230, 2.3380,
1.6820

■ 103.3750, 255.0000, -0.0000,
103.1450, 85.5850 -0.0000

■ 90.3810, 112.1760,
92.6240

Harmonies

Analogous

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



187.0600, 10.0800, 37.6000



185.9210, 47.0800, 38.8560



180.3180, 61.4790, 25.6950

Triad

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



185.9210, 47.0800, 38.8560



175.8320, 25.6350, -29.5730



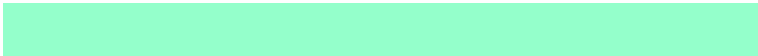
145.4440, -133.9660, -28.0940

Complementary

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



185.9210, 47.0800, 38.8560



217.0790, -47.0800, -38.8560

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.



143.4600, -122.8680, -42.0040



185.9210, 47.0800, 38.8560



169.6020, -14.9400, -37.6280

Square

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



185.9210, 47.0800, 38.8560



179.6450, 54.5630, -14.1810



156.8790, -70.0040, -41.9080



162.4160, -92.0640, -5.5360

Rectangle

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



185.9210, 47.0800, 38.8560



181.3490, 68.2210, 13.6370



156.8790, -70.0040, -41.9080



145.3640, -130.9850, -32.5610

Sweetspot

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



185.9210, 47.0800, 38.8560



233.6910, 14.5320, 11.9720



176.0450, -2.7590, 44.5130



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.



185.9210, 47.0800, 38.8560



173.0410, 55.7900, 46.2060



179.9930, 63.7720, 22.6840



119.5710, 5.8220, 4.6220



67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Inverse Universe

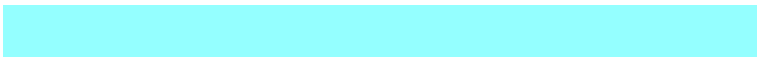
The Inverse Universe completely reimagines the original color for something new.



185.9210, 47.0800, 38.8560



173.0410, 55.7900, 46.2060



223.0070, -63.7720, -22.6840



119.5710, 5.8220, 4.6220



67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 185.9210, 47.0800, 38.8560 looks on a white background.

Color Contrast Check

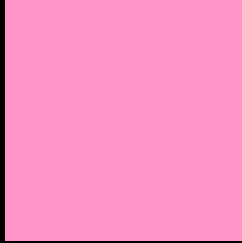
Large Text (above 18pt) WCAG AA × Fail

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 185.9210, 47.0800, 38.8560 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 185.9210, 47.0800, 38.8560

Background



This preview shows how black text looks on a background with the YIQ color 185.9210, 47.0800, 38.8560.



This preview shows how white text looks on a background with the YIQ color 185.9210, 47.0800,

38.8560.

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

185.9210, 47.0800, 38.8560

Protanopia

182.5810, -17.3330, 11.2670

Deuteranopia

184.1350, 4.3540, 9.2020



Tritanopia

184.3710, 53.9600, 24.2960

Trichromacy



Original Color

185.9210, 47.0800, 38.8560



Protanomaly

183.5950, 6.4150, 21.4150



Deuteranomaly

184.4840, 19.8490, 20.2410



Tritanomaly

184.8640, 51.2540, 29.2860

Monochromacy



Original Color

185.9210, 47.0800, 38.8560



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

185.8270, 17.1450, 14.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9210, 47.0800, 38.8560 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, 148, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 200)  
}
```

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, 148, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 200) }
```

Border

The CSS property to change the border of an element to YIQ 185.9210, 47.0800, 38.8560 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, 148, 200) }
```


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

```
.border{ border-color:rgb(255, 148, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9210, 47.0800, 38.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 200) }
```

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

```
.background{ background-color: rgb(255,  
148, 200) }
```

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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