

Converting Colors

YIQ(188.0580, 47.9520, 34.0640)

Have a look what the booklet for
YIQ(188.0580, 47.9520, 34.0640)
contains.

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Color

**YIQ(188.0580, 47.9520,
34.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C1
RGB	255, 153, 193
RGB Percent	100%, 60%, 76%
CMY	0.0000, 0.4001, 0.2430
CMYK	0.00, 0.40, 0.24, 0.00
HSL	336°, 100%, 80%
HSV	336°, 40%, 100%
XYZ	62.2544, 47.8805, 56.4365
YIQ	188.0580, 47.9520, 34.0640

Conversions

Conversions Part 2

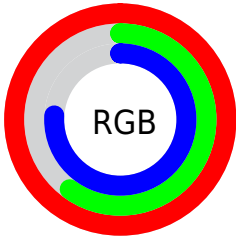
Format	Color
R_{YB}	255, 153, 193
Decimal	16751041
CIE _{Lab}	74.75, 43.06, -4.19
CIE _{LCh}	75, 43.266, 354.441
Yxy	47.8805, 0.3737, 0.2874
Android (android.graphics.Color)	4294941121 (0xFFFF99C1)
YUV	188.0580, 2.4364, 58.7081
Hunter-Lab	69.1958, 39.5012, 0.0797

Details

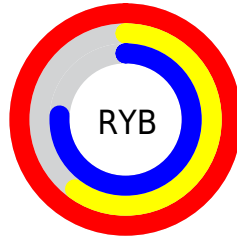
The YIQ color **188.0580, 47.9520, 34.0640** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.9420, -47.9520, -34.0640**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3140, 14.5760, 22.1920**, and **133.2640, 44.3760, 32.7920** is the 20% darker color. If you saturate the color by 10%, you get **171.0860, 59.9170, 42.9970**, and if you desaturate by 10%, it is **204.5570, 35.9410, 25.9650**.

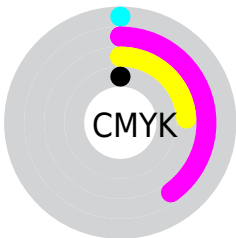
Distribution



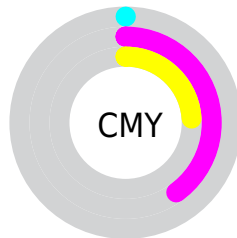
- Red (100%)
- Green (60%)
- Blue (76%)



- Red (100%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.0580, 47.9520, 34.0640 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 188.0580, 47.9520, 34.0640 by changing the saturation by 10% instead.


 188.0580, 47.9520,
34.0640


 188.0580, 47.9520,
34.0640


255.0000, -0.0000,
-0.0000


 160.1610, 46.1640,
33.4280


 227.3140, 14.5760,
22.1920


 133.2640, 44.3760,
32.7920

 245.0210, 4.6750,
8.8910

 106.6660, 43.1840,
32.3680

 80.2960, 41.3500,
32.5660

 52.1650, 40.3410,
34.3330

 30.7300, 37.1320,
31.9160

 20.6760, 28.0560,

20.1840

■ 10.2800, 19.9430,
7.5190

■ 0.0000, 0.0000,
0.0000

■ 188.0580, 47.9520,
34.0640

■ 188.0580, 47.9520,
34.0640

■ 171.0860, 59.9170,
42.9970

■ 204.5570, 35.9410,
25.9650

■ 154.5870, 71.9280,
51.0960

■ 221.5290, 23.9760,
17.0320

■ 137.6150, 83.8930,
60.0290

■ 237.9140, 12.2860,
8.6220

■ 121.1160, 95.9040,
68.1280

■ 255.0000, -0.0000,
-0.0000

■ 104.1440,
107.8690, 77.0610

■ 87.6450, 119.8800,
85.1600

Harmonies

Analogous

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



189.3010, 16.5910, 35.2390



188.0580, 47.9520, 34.0640



184.0850, 60.5170, 21.1010

Triad

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



188.0580, 47.9520, 34.0640



177.8680, 16.7860, -28.8940



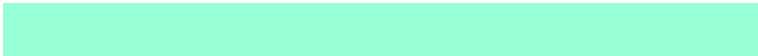
145.6720, -134.6080, -27.4720

Complementary

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



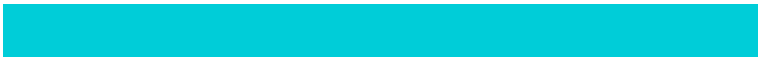
188.0580, 47.9520, 34.0640



219.9420, -47.9520, -34.0640

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.



144.9590, -125.7110, -40.0390



188.0580, 47.9520, 34.0640



171.7740, -21.1760, -34.7440

Square

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



188.0580, 47.9520, 34.0640



181.5130, 46.1270, -15.4810



161.5140, -70.2340, -37.7380



173.1910, -69.1410, 3.0430

Rectangle

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



188.0580, 47.9520, 34.0640



184.9740, 64.7830, 9.8630



161.5140, -70.2340, -37.7380



145.8200, -132.2690, -31.3170

Sweetspot

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



188.0580, 47.9520, 34.0640



234.6370, 14.6240, 10.3040



182.8670, 3.6140, 44.6540



116.1800, 8.4810, 5.9930



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.



188.0580, 47.9520, 34.0640



174.9500, 57.3040, 40.7920



189.3680, 58.0420, 16.3940



119.4570, 6.1430, 4.3110



65.6590, 89.7610, 63.8170



21.9860, 30.1190, 21.3430

Inverse Universe

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



188.0580, 47.9520, 34.0640



174.9500, 57.3040, 40.7920



218.6320, -58.0420, -16.3940



119.4570, 6.1430, 4.3110



65.6590, 89.7610, 63.8170



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 188.0580, 47.9520, 34.0640 looks on a white background.

Color Contrast Check

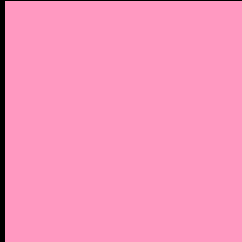
Large Text (above 18pt) WCAG AA × Fail

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 188.0580, 47.9520, 34.0640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

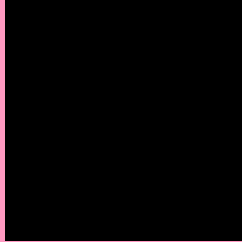
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.0580, 47.9520, 34.0640

Background



This preview shows how black text looks on a background with the YIQ color 188.0580, 47.9520, 34.0640.



This preview shows how white text looks on a background with the YIQ color 188.0580, 47.9520,

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

188.0580, 47.9520, 34.0640

Protanopia

185.1100, -11.6930, 8.1710

Deuteranopia

186.4190, 9.3060, 7.5620



Tritanopia

187.0720, 53.3640, 24.0840

Trichromacy



Original Color

188.0580, 47.9520, 34.0640



Protanomaly

186.2270, 10.2670, 17.6830



Deuteranomaly

187.2300, 23.3800, 16.8200



Tritanomaly

187.8100, 51.3460, 27.6180

Monochromacy



Original Color

188.0580, 47.9520, 34.0640



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7730, 17.2370, 12.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0580, 47.9520, 34.0640 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, 153, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 193)  
}
```

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, 153, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 193) }
```

Border

The CSS property to change the border of an element to YIQ 188.0580, 47.9520, 34.0640 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, 153, 193) }
```


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

```
.border{ border-color:rgb(255, 153, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0580, 47.9520, 34.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 193) }
```

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

```
.background{ background-color: rgb(255,  
153, 193) }
```

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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