

Converting Colors

YIQ(183.6700, 46.5290, 43.3370)

Have a look what the booklet for
YIQ(183.6700, 46.5290, 43.3370)
contains.

YIQ(183.6700, 46.5290, 43.3370)	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(183.6700, 46.5290,
43.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FCE
RGB	255, 143, 206
RGB Percent	100%, 56%, 81%
CMY	0.0000, 0.4394, 0.1920
CMYK	0.00, 0.44, 0.19, 0.00
HSL	326°, 100%, 78%
HSV	326°, 44%, 100%
XYZ	62.2002, 45.3488, 63.8895
YIQ	183.6700, 46.5290, 43.3370

Conversions

Conversions Part 2

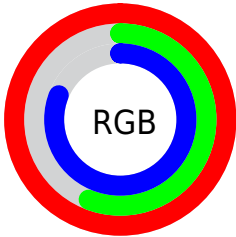
Format	Color
R_{YB}	255, 143, 206
Decimal	16748494
CIE _{Lab}	73.12, 49.96, -13.78
CIE _{LCh}	73, 51.822, 344.578
Yxy	45.3488, 0.3628, 0.2645
Android (android.graphics.Color)	4294938574 (0xFFFF8FCE)
YUV	183.6700, 11.0087, 62.5564
Hunter-Lab	67.3415, 47.0246, -9.1117

Details

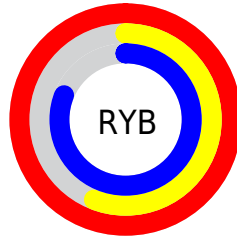
The YIQ color **183.6700, 46.5290, 43.3370** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **214.3300, -46.5290, -43.3370**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **222.1280, 15.4000, 29.2880**, and **128.1750, 43.5490, 42.2770** is the 20% darker color. If you saturate the color by 10%, you get **167.1540, 57.2100, 53.5140**, and if you desaturate by 10%, it is **199.5990, 36.1230, 33.6830**.

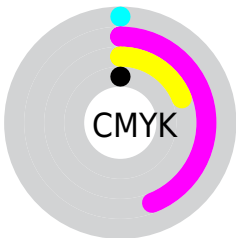
Distribution



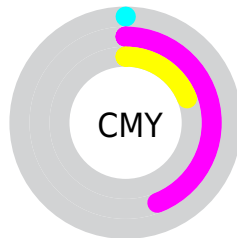
- Red (100%)
- Green (56%)
- Blue (81%)



- Red (100%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.6700, 46.5290, 43.3370 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 183.6700, 46.5290, 43.3370 by changing the saturation by 10% instead.


 183.6700, 46.5290,
43.3370


 183.6700, 46.5290,
43.3370


255.0000, -0.0000,
-0.0000


 155.7730, 44.7410,
42.7010


 222.1280, 15.4000,
29.2880


 128.1750, 43.5490,
42.2770

 239.1510, 7.4250,
14.1210

 100.9900, 42.6320,
42.3760

 73.0330, 41.0730,
43.0970

 42.2660, 42.0350,
47.6910

 31.5710, 33.3260,
34.8140

 21.7020, 25.1670,

22.9830

■ 10.5510, 17.7420,
8.8620

■ 0.0000, 0.0000,
0.0000

■ 183.6700, 46.5290,
43.3370

■ 183.6700, 46.5290,
43.3370

■ 167.1540, 57.2100,
53.5140

■ 199.5990, 36.1230,
33.6830

■ 151.2250, 67.6160,
63.1680

■ 216.1150, 25.4420,
23.5060

■ 134.7090, 78.2970,
73.3450

■ 232.0440, 15.0360,
13.8520

■ 118.6660, 89.0240,
82.6880

■ 248.6740, 4.0340,
3.9860

■ 102.1500, 99.7050, 255.0000, -0.0000,
92.8650 -0.0000

■ 92.6610, 105.7560,
98.8440

Harmonies

Analogous

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



184.7050, 3.8900, 39.6500



183.6700, 46.5290, 43.3370



176.4370, 62.7620, 29.9780

Triad

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



183.6700, 46.5290, 43.3370



172.8990, 32.6960, -30.8880



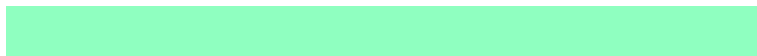
145.9170, -133.9200, -28.9280

Complementary

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



183.6700, 46.5290, 43.3370



214.3300, -46.5290, -43.3370

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.



142.7760, -120.9420, -43.8700



183.6700, 46.5290, 43.3370



166.9460, -10.2170, -40.6250

Square

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



183.6700, 46.5290, 43.3370



177.0050, 62.3570, -12.2590



152.1620, -72.4790, -46.6150



141.7740, -134.6550, -21.1110

Rectangle

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



183.6700, 46.5290, 43.3370



176.5390, 70.7420, 17.5100



152.1620, -72.4790, -46.6150



145.0220, -130.0220, -33.4940

Sweetspot

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



183.6700, 46.5290, 43.3370



234.0330, 13.5690, 12.9050



170.4190, -6.7480, 45.2200



114.6470, 8.6640, 8.1840



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.



183.6700, 46.5290, 43.3370



169.0290, 56.0640, 52.2560



177.2860, 64.5050, 25.9210



119.6850, 5.5010, 4.9330



69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Inverse Universe

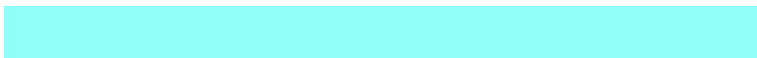
The Inverse Universe completely reimagines the original color for something new.



183.6700, 46.5290, 43.3370



169.0290, 56.0640, 52.2560



220.7140, -64.5050, -25.9210



119.6850, 5.5010, 4.9330



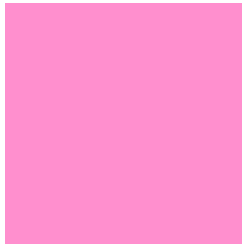
69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 183.6700, 46.5290, 43.3370 looks on a white background.

Color Contrast Check

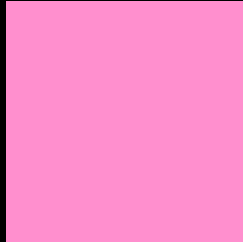
Large Text (above 18pt) WCAG AA × Fail

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 183.6700, 46.5290, 43.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

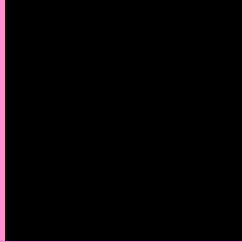
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.6700, 46.5290, 43.3370

Background



This preview shows how black text looks on a background with the YIQ color 183.6700, 46.5290, 43.3370.



This preview shows how white text looks on a background with the YIQ color 183.6700, 46.5290,

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

183.6700, 46.5290, 43.3370

Protanopia

180.6390, -23.2480, 13.8400

Deuteranopia

181.7370, -0.2770, 10.5310



Tritanopia

181.9690, 55.1520, 24.7200

Trichromacy



Original Color

183.6700, 46.5290, 43.3370



Protanomaly

181.5500, 2.2880, 24.6240



Deuteranomaly

182.0970, 16.6850, 22.5170



Tritanomaly

182.6300, 52.0330, 31.6890

Monochromacy



Original Color

183.6700, 46.5290, 43.3370



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

183.8810, 17.0530, 15.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.6700, 46.5290, 43.3370 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, 143, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 206)  
}
```

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, 143, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 206) }
```

Border

The CSS property to change the border of an element to YIQ 183.6700, 46.5290, 43.3370 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, 143, 206) }
```


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

```
.border{ border-color:rgb(255, 143, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 183.6700, 46.5290, 43.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 206) }
```

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

```
.background{ background-color: rgb(255,  
143, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor