

# Converting Colors

YIQ(188.5860, 46.1650, 27.9010)

Have a look what the booklet for  
YIQ(188.5860, 46.1650, 27.9010)  
contains.

<b>YIQ(188.5860, 46.1650, 27.9010)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(188.5860, 46.1650,  
27.9010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA9EB9
RGB	250, 158, 185
RGB Percent	98%, 62%, 73%
CMY	0.0194, 0.3805, 0.2743
CMYK	0.00, 0.37, 0.26, 0.02
HSL	342°, 90%, 80%
HSV	342°, 37%, 98%
XYZ	60.4275, 48.2802, 52.0560
YIQ	188.5860, 46.1650, 27.9010

# Conversions

## Conversions Part 2

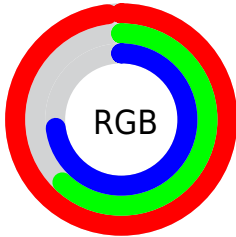
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 158, 185
Decimal	16424633
CIE Lab	75.00, 37.69, 0.51
CIE LCh	75, 37.691, 0.778
Yxy	48.2802, 0.3759, 0.3003
Android (android.graphics.Color)	4294614713 (0xFFFA9EB9)
YUV	188.5860, -1.7679, 53.8601
Hunter-Lab	69.4839, 33.6376, 4.2199

# Details

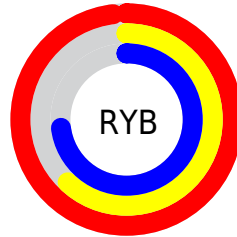
The YIQ color **188.5860, 46.1650, 27.9010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.4140, -46.1650, -27.9010**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.3370, 15.7690, 17.0890**, and **134.0910, 43.1850, 26.8410** is the 20% darker color. If you saturate the color by 10%, you get **171.8590, 58.8180, 35.3780**, and if you desaturate by 10%, it is **205.3130, 33.5120, 20.4240**.

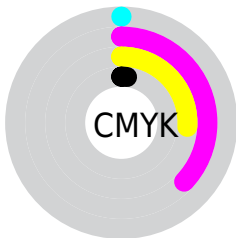
# Distribution



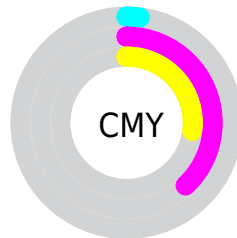
- Red (98%)
- Green (62%)
- Blue (73%)



- Red (98%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (38%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5860, 46.1650, 27.9010 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 188.5860, 46.1650, 27.9010 by changing the saturation by 10% instead.





 188.5860, 46.1650,  
27.9010


 188.5860, 46.1650,  
27.9010


255.0000, -0.0000,  
-0.0000


 160.9880, 44.9730,  
27.4770


 229.3370, 15.7690,  
17.0890


 134.0910, 43.1850,  
26.8410

 247.3690, 3.5750,  
6.7990

 107.3080, 41.0760,  
26.5160

 81.8240, 39.5630,  
26.4030

 56.4540, 37.7290,  
26.6010

 28.8500, 36.6740,  
29.2020

 18.9810, 28.5150,

17.3710

■ 9.0840, 17.5590,  
6.6710

■ 0.0000, 0.0000,  
0.0000

■ 188.5860, 46.1650,  
27.9010

■ 188.5860, 46.1650,  
27.9010

■ 171.8590, 58.8180,  
35.3780

■ 205.3130, 33.5120,  
20.4240

■ 155.2460, 71.1500,  
43.1660

■ 221.9260, 21.1800,  
12.6360

■ 138.5190, 83.8030,  
50.6430

■ 238.6530, 8.5270,  
5.1590

■ 121.7920, 96.4560,  
58.1200

■ 253.5050, -2.9800,  
-1.0600

■ 105.1790,  
108.7880, 65.9080

■ 88.4520, 121.4410,  
73.3850

■ 83.1860, 125.2460,  
76.0140

# Harmonies

## Analogous

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



189.7050, 21.0850, 30.8850



188.5860, 46.1650, 27.9010



186.7700, 56.8500, 15.9700

# Triad

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



188.5860, 46.1650, 27.9010



178.5560, 9.0370, -26.1230



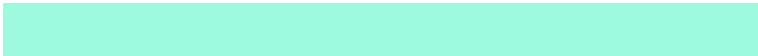
167.6740, -84.2230, -9.9750

# Complementary

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



188.5860, 46.1650, 27.9010



219.4140, -46.1650, -27.9010

# 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.



159.3870, -94.2610, -26.3010



188.5860, 46.1650, 27.9010



173.0710, -26.2660, -30.6020

# Square

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



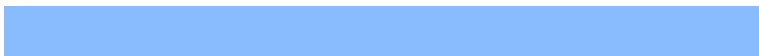
188.5860, 46.1650, 27.9010



182.4240, 36.1320, -16.0600



165.5520, -64.2290, -30.9250



180.2750, -51.5820, 9.7140



# Rectangle

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



188.5860, 46.1650, 27.9010



185.4350, 55.9350, 5.0150



165.5520, -64.2290, -30.9250



163.2660, -92.0620, -16.5900

# Sweetspot

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



188.5860, 46.1650, 27.9010



236.2840, 14.1200, 8.4240



187.6240, 8.6120, 42.1800



116.6530, 8.5270, 5.1590



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.



188.5860, 46.1650, 27.9010



180.2500, 56.1590, 34.0070



196.0740, 49.8820, 10.0900



116.3430, 6.4640, 4.0000



62.7810, 94.9890, 57.1730



20.2910, 30.5780, 18.5300



# Inverse Universe

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



188.5860, 46.1650, 27.9010



180.2500, 56.1590, 34.0070



211.9260, -49.8820, -10.0900



116.3430, 6.4640, 4.0000



62.7810, 94.9890, 57.1730

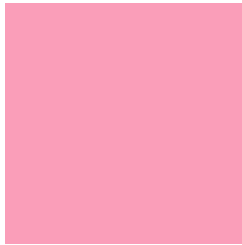


20.2910, 30.5780, 18.5300



# Previews

## White Background



This preview shows how the YIQ color 188.5860, 46.1650, 27.9010 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 188.5860, 46.1650, 27.9010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

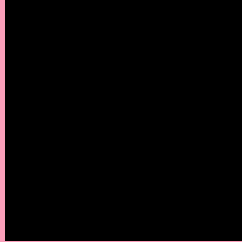
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 188.5860, 46.1650, 27.9010

## Background



This preview shows how black text looks on a background with the YIQ color 188.5860, 46.1650, 27.9010.



This preview shows how white text looks on a background with the YIQ color 188.5860, 46.1650,



# 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

188.5860, 46.1650, 27.9010

### Protanopia

185.8240, -5.1360, 4.9760

### Deuteranopia

186.7030, 14.2580, 5.9220



## Tritanopia

187.9790, 49.1920, 22.6000

# Trichromacy



## Original Color

188.5860, 46.1650, 27.9010



## Protanomaly

187.1470, 13.2480, 13.2160



## Deuteranomaly

187.2040, 26.2690, 14.0210



## Tritanomaly

187.9620, 47.8620, 24.6780

# Monochromacy



## Original Color

188.5860, 46.1650, 27.9010



## Achromatopsia

189.0000, -0.0000, -0.0000



## Achromatomaly

189.0070, 16.4580, 10.1060

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 188.5860, 46.1650, 27.9010 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(250, 158, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 185)  
}
```

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(250, 158, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 185) }
```

## Border

The CSS property to change the border of an element to YIQ 188.5860, 46.1650, 27.9010 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(250, 158, 185) }
```



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

```
.border{ border-color:rgb(250, 158, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 158, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 158, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 158, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 158,  
185) }
```

# Background

The CSS property to change the background color of an element to YIQ 188.5860, 46.1650, 27.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 185) }
```

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

```
.background{ background-color: rgb(250,  
158, 185) }
```

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