

# Converting Colors

YIQ(189.1620, 44.4230, 26.4310)

Have a look what the booklet for  
YIQ(189.1620, 44.4230, 26.4310)  
contains.

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# Color

**YIQ(189.1620, 44.4230,  
26.4310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8A0B9
RGB	248, 160, 185
RGB Percent	97%, 63%, 73%
CMY	0.0272, 0.3727, 0.2743
CMYK	0.00, 0.36, 0.25, 0.03
HSL	343°, 86%, 80%
HSV	343°, 36%, 97%
XYZ	60.0573, 48.6002, 52.1365
YIQ	189.1620, 44.4230, 26.4310

# Conversions

## Conversions Part 2

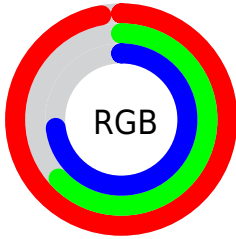
Format	Color
R <sub>Y</sub> B	248, 160, 185
Decimal	16294073
CIE Lab	75.20, 35.94, 0.78
CIE LCh	75, 35.951, 1.239
Yxy	48.6002, 0.3735, 0.3023
Android (android.graphics.Color)	4294484153 (0xFFF8A0B9)
YUV	189.1620, -2.0519, 51.6009
Hunter-Lab	69.7139, 31.7755, 4.4588

# Details

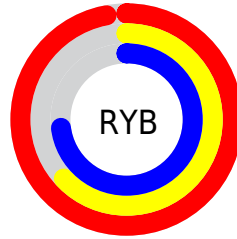
The YIQ color **189.1620, 44.4230, 26.4310** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.8380, -44.4230, -26.4310**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5110, 15.2190, 16.0430**, and **134.6670, 41.4430, 25.3710** is the 20% darker color. If you saturate the color by 10%, you get **172.4350, 57.0760, 33.9080**, and if you desaturate by 10%, it is **205.8890, 31.7700, 18.9540**.

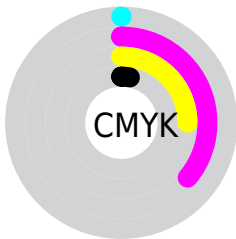
# Distribution



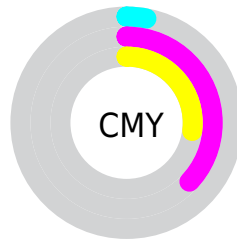
- Red (97%)
- Green (63%)
- Blue (73%)



- Red (97%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (3%)




- Cyan (3%)
- Magenta (37%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 189.1620, 44.4230, 26.4310 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 189.1620, 44.4230, 26.4310 by changing the saturation by 10% instead.




 189.1620, 44.4230,  
26.4310

 189.1620, 44.4230,  
26.4310

255.0000, -0.0000,  
-0.0000


 161.5640, 43.2310,  
26.0070


 230.5110, 15.2190,  
16.0430


 134.6670, 41.4430,  
25.3710

 248.5430, 3.0250,  
5.7530

 108.7700, 39.6550,  
24.7350

 82.9870, 37.5460,  
24.4100

 57.6170, 35.7120,  
24.6080

 30.3120, 35.2530,  
27.4210

 18.6820, 27.9190,

17.1590

■ 8.7850, 16.9630,  
6.4590

■ 0.0000, 0.0000,  
0.0000

■ 189.1620, 44.4230,  
26.4310

■ 189.1620, 44.4230,  
26.4310

■ 172.4350, 57.0760,  
33.9080

■ 205.8890, 31.7700,  
18.9540

■ 155.8220, 69.4080,  
41.6960

■ 222.6160, 19.1170,  
11.4770

■ 139.6820, 81.7860,  
48.6500

■ 238.6420, 7.0600,  
4.2120

■ 122.9550, 94.4390,  
56.1270

■ 252.9070, -4.1720,  
-1.4840

■ 106.2280,  
107.0920, 63.6040

■ 89.6150, 119.4240,  
71.3920

■ 82.2460, 125.0170,  
74.6570

# Harmonies

## Analogous

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



189.8790, 20.5350, 29.8390



189.1620, 44.4230, 26.4310



187.4600, 54.7870, 14.8110

# Triad

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



189.1620, 44.4230, 26.4310



179.0120, 7.7530, -24.8790



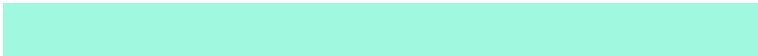
170.4360, -77.6210, -8.4770

# Complementary

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



189.1620, 44.4230, 26.4310



218.8380, -44.4230, -26.4310

# 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.



163.4590, -85.5960, -23.6440



189.1620, 44.4230, 26.4310



174.1960, -25.1200, -29.3440

# Square

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



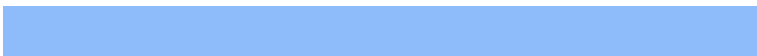
189.1620, 44.4230, 26.4310



183.1680, 33.9770, -15.5510



167.7590, -60.3780, -29.1300



181.4280, -47.6390, 9.8410



# Rectangle

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



189.1620, 44.4230, 26.4310



186.6520, 53.8260, 4.6900



167.7590, -60.3780, -29.1300



167.0390, -83.9930, -14.1450

# Sweetspot

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



189.1620, 44.4230, 26.4310



236.2840, 14.1200, 8.4240



188.5700, 8.7040, 40.5120



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.



189.1620, 44.4230, 26.4310



181.5380, 55.2880, 33.2720



196.8780, 47.4980, 9.2420



116.3430, 6.4640, 4.0000



62.6670, 95.3100, 56.8620



20.1770, 30.8990, 18.2190



# Inverse Universe

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



189.1620, 44.4230, 26.4310



181.5380, 55.2880, 33.2720



211.1220, -47.4980, -9.2420



116.3430, 6.4640, 4.0000



62.6670, 95.3100, 56.8620



20.1770, 30.8990, 18.2190



# Previews

## White Background



This preview shows how the YIQ color 189.1620, 44.4230, 26.4310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

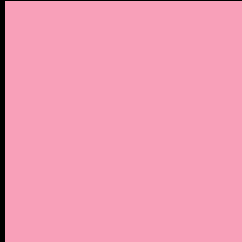
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 189.1620, 44.4230, 26.4310 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 189.1620, 44.4230, 26.4310

## Background



This preview shows how black text looks on a background with the YIQ color 189.1620, 44.4230, 26.4310.



This preview shows how white text looks on a background with the YIQ color 189.1620, 44.4230,



# 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

189.1620, 44.4230, 26.4310

### Protanopia

186.0090, -4.2190, 4.8770

### Deuteranopia

187.7030, 14.2580, 5.9220



## Tritanopia

188.7830, 46.8080, 21.7520

# Trichromacy



## Original Color

189.1620, 44.4230, 26.4310



## Protanomaly

187.0330, 13.5690, 12.9050



## Deuteranomaly

188.4920, 25.3980, 13.2860



## Tritanomaly

188.6520, 45.7990, 23.5190

# Monochromacy



## Original Color

189.1620, 44.4230, 26.4310



## Achromatopsia

189.0000, -0.0000, -0.0000



## Achromatomaly

188.7080, 15.8620, 9.8940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 189.1620, 44.4230, 26.4310 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(248, 160, 185)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 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(248, 160, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 185) }
```

## Border

The CSS property to change the border of an element to YIQ 189.1620, 44.4230, 26.4310 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(248, 160, 185) }
```



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

```
.border{ border-color:rgb(248, 160, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 185);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
185) }
```

# Background

The CSS property to change the background color of an element to YIQ 189.1620, 44.4230, 26.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 185) }
```

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

```
.background{ background-color: rgb(248,  
160, 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](#).

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