

# Converting Colors

YIQ(186.8060, 39.9740, 35.4780)

Have a look what the booklet for  
YIQ(186.8060, 39.9740, 35.4780)  
contains.

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# **Color**

**YIQ(186.8060, 39.9740,  
35.4780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F799CB
RGB	247, 153, 203
RGB Percent	97%, 60%, 80%
CMY	0.0311, 0.4001, 0.2038
CMYK	0.00, 0.38, 0.18, 0.03
HSL	328°, 86%, 78%
HSV	328°, 38%, 97%
XYZ	60.5486, 46.8688, 62.3743
YIQ	186.8060, 39.9740, 35.4780

# Conversions

## Conversions Part 2

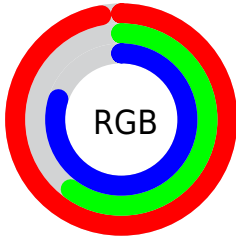
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 153, 203
Decimal	16226763
CIE <sub>Lab</sub>	74.11, 41.83, -10.75
CIE <sub>LCh</sub>	74, 43.193, 345.590
Yxy	46.8688, 0.3566, 0.2760
Android (android.graphics.Color)	4294416843 (0xFFFF799CB)
YUV	186.8060, 7.9836, 52.7901
Hunter-Lab	68.4608, 38.0639, -6.0963

# Details

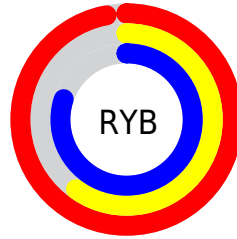
The YIQ color **186.8060, 39.9740, 35.4780** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **213.1940, -39.9740, -35.4780**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.9980, 12.6500, 24.0580**, and **132.1970, 37.3150, 34.1070** is the 20% darker color. If you saturate the color by 10%, you get **170.7630, 50.7010, 44.8210**, and if you desaturate by 10%, it is **202.8490, 29.2470, 26.1350**.

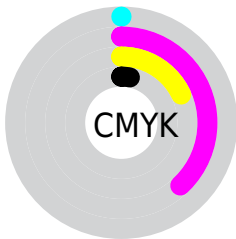
# Distribution



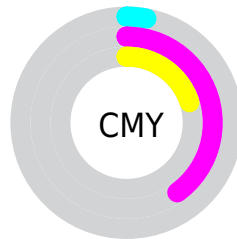
- Red (97%)
- Green (60%)
- Blue (80%)



- Red (97%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (3%)




- Cyan (3%)
- Magenta (40%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 186.8060, 39.9740, 35.4780 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 186.8060, 39.9740, 35.4780 by changing the saturation by 10% instead.





 186.8060, 39.9740,  
35.4780


 186.8060, 39.9740,  
35.4780


255.0000, -0.0000,  
-0.0000


 159.2080, 38.7820,  
35.0540


 227.9980, 12.6500,  
24.0580


 132.1970, 37.3150,  
34.1070

 244.4340, 4.9500,  
9.4140

 105.5990, 36.1230,  
33.6830

 79.1150, 34.6100,  
33.5700

 52.7560, 34.2430,  
34.7150

 29.8480, 30.9880,  
33.1320

 20.2780, 23.4250,

21.5130

■ 9.1980, 17.2380,  
6.9820

■ 0.0000, 0.0000,  
0.0000

■ 186.8060, 39.9740,  
35.4780

■ 186.8060, 39.9740,  
35.4780

■ 170.7630, 50.7010,  
44.8210

■ 202.8490, 29.2470,  
26.1350

■ 155.4210, 60.8320,  
53.9520

■ 218.1910, 19.1160,  
17.0040

■ 139.3780, 71.5590,  
63.2950

■ 234.2340, 8.3890,  
7.6610

■ 123.4490, 81.9650,  
72.9490

■ 250.1630, -2.0170,  
-1.9930

■ 107.4060, 92.6920,  
82.2920

■ 252.6080, -4.7680,  
-1.6960

■ 92.0640, 102.8230,  
91.4230

■ 88.7870, 105.1610,  
93.1050

# Harmonies

## Analogous

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



186.7880, 4.8540, 33.1900



186.8060, 39.9740, 35.4780



183.4640, 58.1320, 25.7800

# Triad

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



186.8060, 39.9740, 35.4780



176.9510, 26.9180, -25.2900



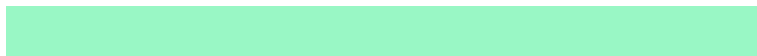
144.5320, -131.3980, -30.5820

# Complementary

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



186.8060, 39.9740, 35.4780



213.1940, -39.9740, -35.4780

# 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.



142.1890, -120.6670, -43.3470



186.8060, 39.9740, 35.4780



172.0590, -8.7970, -33.3170

# Square

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



186.8060, 39.9740, 35.4780



180.4970, 52.2240, -10.3360



163.5390, -54.1870, -36.7070



166.5910, -85.1870, -3.5150



# Rectangle

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



186.8060, 39.9740, 35.4780



183.5490, 64.7820, 15.3900



163.5390, -54.1870, -36.7070



144.4520, -128.4170, -35.0490

# Sweetspot

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



186.8060, 39.9740, 35.4780



237.0820, 11.8730, 10.6010



176.8720, -3.9500, 38.5620



117.1090, 7.2430, 6.4030



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.



186.8060, 39.9740, 35.4780



180.0510, 49.8300, 44.0860



181.4480, 55.0610, 20.8610



114.3860, 4.9050, 4.7210



66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490



# Inverse Universe

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



186.8060, 39.9740, 35.4780



180.0510, 49.8300, 44.0860



218.5520, -55.0610, -20.8610



114.3860, 4.9050, 4.7210



66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490



# Previews

## White Background



This preview shows how the YIQ color 186.8060, 39.9740, 35.4780 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

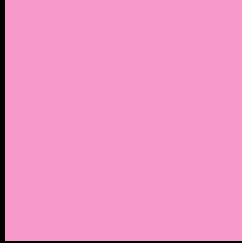
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 186.8060, 39.9740, 35.4780 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 186.8060, 39.9740, 35.4780

## Background



This preview shows how black text looks on a background with the YIQ color 186.8060, 39.9740, 35.4780.



This preview shows how white text looks on a background with the YIQ color 186.8060, 39.9740,

35.4780.

# 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

186.8060, 39.9740, 35.4780

### Protanopia

183.4670, -17.0120, 10.9560

### Deuteranopia

184.2920, 2.4740, 10.2340



## Tritanopia

185.7830, 46.8080, 21.7520

# Trichromacy



## Original Color

186.8060, 39.9740, 35.4780



## Protanomaly

184.8720, 4.0770, 19.7330



## Deuteranomaly

185.1030, 16.5480, 19.4920



## Tritanomaly

186.2760, 44.1020, 26.7420

# Monochromacy



## Original Color

186.8060, 39.9740, 35.4780



## Achromatopsia

187.0000, -0.0000, -0.0000



## Achromatomaly

187.2180, 14.4860, 12.8060

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 186.8060, 39.9740, 35.4780 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(247, 153, 203)` looks like.

```
.text, #text, p{  
    color:rgb(247, 153, 203)  
}
```

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(247, 153, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 153, 203) }
```

## Border

The CSS property to change the border of an element to YIQ 186.8060, 39.9740, 35.4780 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(247, 153, 203) }
```



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

```
.border{ border-color:rgb(247, 153, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 153, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 153, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 153, 203);  
box-shadow:4px 4px 4px 4px rgb(247, 153,  
203) }
```

# Background

The CSS property to change the background color of an element to YIQ 186.8060, 39.9740, 35.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 153, 203) }
```

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

```
.background{ background-color: rgb(247,  
153, 203) }
```

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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