

# Converting Colors

YIQ(183.9260, 39.5160, 32.7640)

Have a look what the booklet for  
YIQ(183.9260, 39.5160, 32.7640)  
contains.

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# Color

**YIQ(183.9260, 39.5160,  
32.7640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F298C4
RGB	242, 152, 196
RGB Percent	95%, 60%, 77%
CMY	0.0507, 0.4040, 0.2312
CMYK	0.00, 0.37, 0.19, 0.05
HSL	331°, 78%, 77%
HSV	331°, 37%, 95%
XYZ	57.8286, 45.3193, 57.9428
YIQ	183.9260, 39.5160, 32.7640

# Conversions

## Conversions Part 2

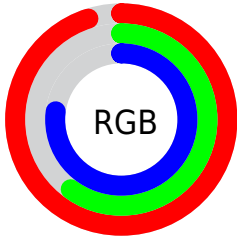
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 152, 196
Decimal	15898820
CIE <sub>Lab</sub>	73.10, 39.62, -8.45
CIE <sub>LCh</sub>	73, 40.512, 347.962
Yxy	45.3193, 0.3590, 0.2813
Android (android.graphics.Color)	4294088900 (0xFFFF298C4)
YUV	183.9260, 5.9525, 50.9309
Hunter-Lab	67.3196, 35.5249, -3.9079

# Details

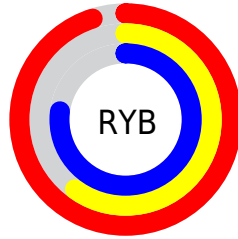
The YIQ color **183.9260, 39.5160, 32.7640** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.0740, -39.5160, -32.7640**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **226.5960, 13.8420, 24.4820**, and **129.3170, 36.8570, 31.3930** is the 20% darker color. If you saturate the color by 10%, you get **168.4700, 49.9680, 41.5840**, and if you desaturate by 10%, it is **199.3820, 29.0640, 23.9440**.

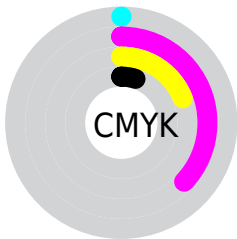
# Distribution



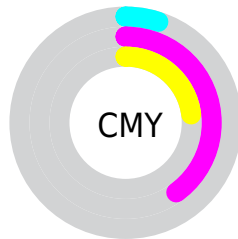
- Red (95%)
- Green (60%)
- Blue (77%)



- Red (95%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (40%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 183.9260, 39.5160, 32.7640 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 183.9260, 39.5160, 32.7640 by changing the saturation by 10% instead.





 183.9260, 39.5160,  
32.7640

 183.9260, 39.5160,  
32.7640

255.0000, -0.0000,  
-0.0000


 156.3280, 38.3240,  
32.3400


 226.5960, 13.8420,  
24.4820


 129.3170, 36.8570,  
31.3930

 243.8470, 5.2250,  
9.9370

 103.4200, 35.0690,  
30.7570

 77.2350, 34.1520,  
30.8560

 51.2780, 32.5930,  
31.5770

 27.9680, 30.5300,  
30.4180

 18.5120, 22.6460,

19.1100

■ 6.5780, 13.1120,  
4.6640

■ 0.0000, 0.0000,  
0.0000

■ 183.9260, 39.5160,  
32.7640

■ 183.9260, 39.5160,  
32.7640

■ 168.4700, 49.9680,  
41.5840

■ 199.3820, 29.0640,  
23.9440

■ 152.9000, 60.7410,  
50.0930

■ 214.9520, 18.2910,  
15.4350

■ 136.8570, 71.4680,  
59.4360

■ 230.9950, 7.5640,  
6.0920

■ 121.4010, 81.9200,  
68.2560

■ 246.5650, -3.2090,  
-2.4170

■ 105.8310, 92.6930,  
76.7650

■ 251.1130, -7.7480,  
-2.7560

■ 90.3750, 103.1450,  
85.5850

■ 85.8100, 106.3540,  
88.0020

# Harmonies

## Analogous

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



184.2890, 7.6970, 31.2250



183.9260, 39.5160, 32.7640



181.9970, 57.9490, 23.5890

# Triad

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



183.9260, 39.5160, 32.7640



174.4390, 22.6080, -24.2720



144.6040, -122.7330, -27.9250

# Complementary

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



183.9260, 39.5160, 32.7640



210.0740, -39.5160, -32.7640

# 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.



146.6040, -105.5380, -36.6900



183.9260, 39.5160, 32.7640



169.4440, -11.3190, -31.6630

# Square

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



183.9260, 39.5160, 32.7640



178.0450, 47.6850, -10.6750



161.7180, -53.1330, -33.7810



167.9730, -74.4590, 0.3010



# Rectangle

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



183.9260, 39.5160, 32.7640



180.9290, 60.6560, 13.0720



161.7180, -53.1330, -33.7810



141.1750, -126.0790, -33.3670

# Sweetspot

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



183.9260, 39.5160, 32.7640



236.9680, 12.1940, 10.2900



175.7150, -2.0700, 37.5300



116.9950, 7.5640, 6.0920



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.



183.9260, 39.5160, 32.7640



180.7690, 50.5640, 41.7960



178.9100, 53.6400, 19.0800



112.2720, 5.2260, 4.4100



65.2760, 80.7740, 66.9980



19.8220, 24.7090, 20.2690



# Inverse Universe

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



183.9260, 39.5160, 32.7640



180.7690, 50.5640, 41.7960



215.0900, -53.6400, -19.0800



112.2720, 5.2260, 4.4100



65.2760, 80.7740, 66.9980



19.8220, 24.7090, 20.2690



# Previews

## White Background



This preview shows how the YIQ color 183.9260, 39.5160, 32.7640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

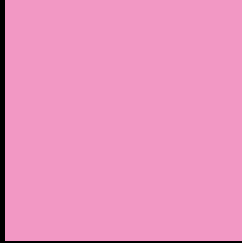
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 183.9260, 39.5160, 32.7640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

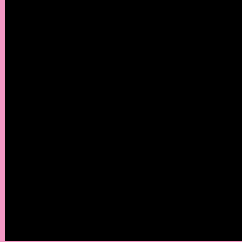
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 183.9260, 39.5160, 32.7640

## Background



This preview shows how black text looks on a background with the YIQ color 183.9260, 39.5160, 32.7640.



This preview shows how white text looks on a background with the YIQ color 183.9260, 39.5160,

32.7640.

# 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

183.9260, 39.5160, 32.7640

### Protanopia

180.4950, -14.2150, 9.8250

### Deuteranopia

182.0210, 4.6750, 8.8910



## Tritanopia

182.8860, 45.0200, 21.1160

# Trichromacy



## Original Color

183.9260, 39.5160, 32.7640



## Protanomaly

182.0030, 5.0860, 17.9660



## Deuteranomaly

182.8210, 17.2820, 17.2020



## Tritanomaly

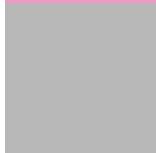
183.1510, 42.9560, 25.4840

# Monochromacy



## Original Color

183.9260, 39.5160, 32.7640



## Achromatopsia

184.0000, 0.0000, -0.0000



## Achromatomaly

183.6910, 14.5320, 11.9720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 183.9260, 39.5160, 32.7640 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(242, 152, 196)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 196)  
}
```

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(242, 152, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 196) }
```

## Border

The CSS property to change the border of an element to YIQ 183.9260, 39.5160, 32.7640 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(242, 152, 196) }
```



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

```
.border{ border-color:rgb(242, 152, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 152, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
196) }
```

# Background

The CSS property to change the background color of an element to YIQ 183.9260, 39.5160, 32.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 196) }
```

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

```
.background{ background-color: rgb(242,  
152, 196) }
```

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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