

Converting Colors

YIQ(188.3280, 38.3240, 32.3400)

Have a look what the booklet for
YIQ(188.3280, 38.3240, 32.3400)
contains.

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Color

**YIQ(188.3280, 38.3240,
32.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	F59DC9
RGB	245, 157, 201
RGB Percent	96%, 62%, 79%
CMY	0.0390, 0.3844, 0.2116
CMYK	0.00, 0.36, 0.18, 0.04
HSL	330°, 82%, 79%
HSV	330°, 36%, 96%
XYZ	60.2741, 47.7433, 61.3155
YIQ	188.3280, 38.3240, 32.3400

Conversions

Conversions Part 2

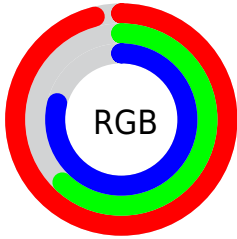
Format	Color
R _Y B	245, 157, 201
Decimal	16096713
CIE Lab	74.66, 38.78, -8.84
CIE LCh	75, 39.778, 347.155
Yxy	47.7433, 0.3560, 0.2819
Android (android.graphics.Color)	4294286793 (0xFFFF59DC9)
YUV	188.3280, 6.2473, 49.7013
Hunter-Lab	69.0965, 34.7899, -4.2457

Details

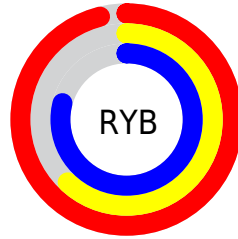
The YIQ color **188.3280, 38.3240, 32.3400** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **213.6720, -38.3240, -32.3400**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 11.5500, 21.9660**, and **133.7190, 35.6650, 30.9690** is the 20% darker color. If you saturate the color by 10%, you get **172.2850, 49.0510, 41.6830**, and if you desaturate by 10%, it is **203.7840, 27.8720, 23.5200**.

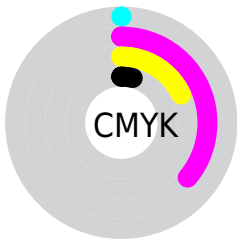
Distribution



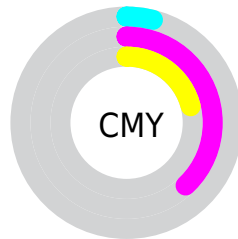
- Red (96%)
- Green (62%)
- Blue (79%)



- Red (96%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (4%)




- Cyan (4%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.3280, 38.3240, 32.3400 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 188.3280, 38.3240, 32.3400 by changing the saturation by 10% instead.


 188.3280, 38.3240,
32.3400


 188.3280, 38.3240,
32.3400


255.0000, -0.0000,
-0.0000


 160.7300, 37.1320,
31.9160


 230.3460, 11.5500,
21.9660


 133.7190, 35.6650,
30.9690

 246.7820, 3.8500,
7.3220

 107.1210, 34.4730,
30.5450

 81.6370, 32.9600,
30.4320

 56.1530, 31.4470,
30.3190

 29.3210, 31.0340,
32.2980

 19.7510, 23.4710,

20.6790

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 188.3280, 38.3240,
32.3400

■ 188.3280, 38.3240,
32.3400

■ 172.2850, 49.0510,
41.6830

■ 203.7840, 27.8720,
23.5200

■ 156.8290, 59.5030,
50.5030

■ 219.9410, 16.8240,
14.4880

■ 140.6720, 70.5510,
59.5350

■ 235.3970, 6.3720,
5.6680

■ 125.2160, 81.0030,
68.3550

■ 251.4400, -4.3550,
-3.6750

■ 109.1730, 91.7300,
77.6980

■ 252.0100, -5.9600,
-2.1200

■ 93.7170, 102.1820,
86.5180

■ 87.2770, 106.5370,
90.1930

Harmonies

Analogous

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



188.6910, 6.5050, 30.8010



188.3280, 38.3240, 32.3400



186.5130, 56.4360, 23.4760

Triad

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



188.3280, 38.3240, 32.3400



179.1510, 23.4790, -23.5370



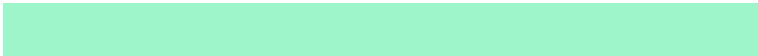
155.3670, -108.7040, -23.3600

Complementary

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



188.3280, 38.3240, 32.3400



213.6720, -38.3240, -32.3400

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.



155.8720, -94.4890, -33.1850



188.3280, 38.3240, 32.3400



174.1560, -10.4480, -30.9280

Square

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



188.3280, 38.3240, 32.3400



182.4580, 47.9600, -10.1520



166.8000, -50.4280, -33.2440



172.4570, -72.9460, 0.4140

Rectangle

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



188.3280, 38.3240, 32.3400



185.0430, 60.3350, 13.3830



166.8000, -50.4280, -33.2440



151.6280, -114.1130, -29.9610

Sweetspot

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



188.3280, 38.3240, 32.3400



236.9680, 12.1940, 10.2900



179.8890, -2.6200, 36.4840



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.



188.3280, 38.3240, 32.3400



184.1600, 47.9050, 40.4250



183.4260, 52.1270, 18.9670



114.2720, 5.2260, 4.4100



66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Inverse Universe

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



188.3280, 38.3240, 32.3400



184.1600, 47.9050, 40.4250



218.5740, -52.1270, -18.9670



114.2720, 5.2260, 4.4100



66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 188.3280, 38.3240, 32.3400 looks on a white background.

Color Contrast Check

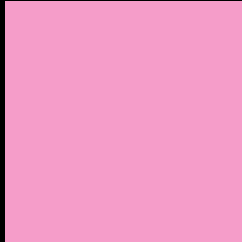
Large Text (above 18pt) WCAG AA × Fail

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 188.3280, 38.3240, 32.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

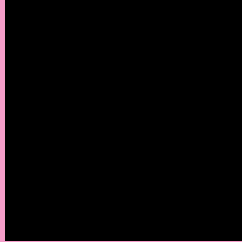
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.3280, 38.3240, 32.3400

Background



This preview shows how black text looks on a background with the YIQ color 188.3280, 38.3240, 32.3400.



This preview shows how white text looks on a background with the YIQ color 188.3280, 38.3240,

32.3400.

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

188.3280, 38.3240, 32.3400

Protanopia

185.0820, -14.4900, 9.3020

Deuteranopia

186.1350, 4.3540, 9.2020



Tritanopia

187.2880, 43.8280, 20.6920

Trichromacy



Original Color

188.3280, 38.3240, 32.3400



Protanomaly

186.5900, 4.8110, 17.4430



Deuteranomaly

186.9350, 16.9610, 17.5130



Tritanomaly

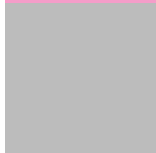
187.5530, 41.7640, 25.0600

Monochromacy



Original Color

188.3280, 38.3240, 32.3400



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.3920, 13.9360, 11.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3280, 38.3240, 32.3400 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(245, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(245, 157, 201)  
}
```

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(245, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 157, 201) }
```

Border

The CSS property to change the border of an element to YIQ 188.3280, 38.3240, 32.3400 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(245, 157, 201) }
```


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

```
.border{ border-color:rgb(245, 157, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 157, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 157,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3280, 38.3240, 32.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 157, 201) }
```

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

```
.background{ background-color: rgb(245,  
157, 201) }
```

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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