

Converting Colors

YIQ(187.8890, 40.9380, 29.0180)

Have a look what the booklet for
YIQ(187.8890, 40.9380, 29.0180)
contains.

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Color

**YIQ(187.8890, 40.9380,
29.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	F59EC0
RGB	245, 158, 192
RGB Percent	96%, 62%, 75%
CMY	0.0390, 0.3805, 0.2469
CMYK	0.00, 0.36, 0.22, 0.04
HSL	337°, 81%, 79%
HSV	337°, 36%, 96%
XYZ	59.4154, 47.6715, 55.9593
YIQ	187.8890, 40.9380, 29.0180

Conversions

Conversions Part 2

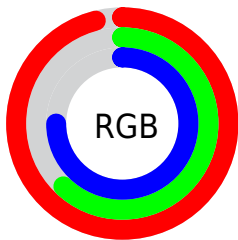
Format	Color
R_{YB}	245, 158, 192
Decimal	16096960
CIE _{Lab}	74.62, 36.93, -3.97
CIE _{LCh}	75, 37.141, 353.871
Yxy	47.6715, 0.3644, 0.2924
Android (android.graphics.Color)	4294287040 (0xFFFF59EC0)
YUV	187.8890, 2.0267, 50.0863
Hunter-Lab	69.0446, 32.7778, 0.2778

Details

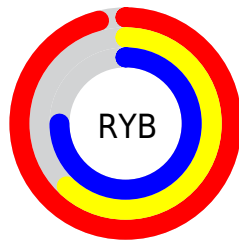
The YIQ color **187.8890, 40.9380, 29.0180** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.1110, -40.9380, -29.0180**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1350, 13.5220, 19.2660**, and **133.3940, 37.9580, 27.9580** is the 20% darker color. If you saturate the color by 10%, you get **171.5040, 52.6280, 37.4280**, and if you desaturate by 10%, it is **203.6870, 29.5230, 21.1310**.

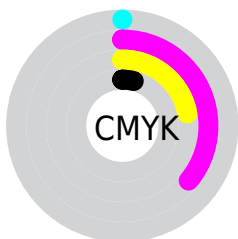
Distribution



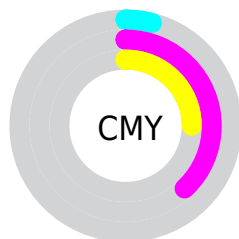
- Red (96%)
- Green (62%)
- Blue (75%)



- Red (96%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.8890, 40.9380, 29.0180 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 187.8890, 40.9380, 29.0180 by changing the saturation by 10% instead.

 187.8890, 40.9380,
29.0180

 187.8890, 40.9380,
29.0180


255.0000, -0.0000,
-0.0000


 160.2910, 39.7460,
28.5940


 230.1350, 13.5220,
19.2660


 133.3940, 37.9580,
27.9580

 247.3690, 3.5750,
6.7990

 107.3830, 36.4910,
27.0110

 81.8990, 34.9780,
26.8980

 55.8280, 33.7400,
27.3080

 28.5230, 33.2810,
30.1210

 18.7680, 24.8010,

18.6010

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 187.8890, 40.9380,
29.0180

■ 187.8890, 40.9380,
29.0180

■ 171.5040, 52.6280,
37.4280

■ 203.6870, 29.5230,
21.1310

■ 155.7060, 64.0430,
45.3150

■ 220.0720, 17.8330,
12.7210

■ 139.3210, 75.7330,
53.7250

■ 235.8700, 6.4180,
4.8340

■ 123.5230, 87.1480,
61.6120

■ 251.6680, -4.9970,
-3.0530

■ 107.1380, 98.8380,
70.0220

■ 252.0100, -5.9600,
-2.1200

■ 91.4540, 109.9320,
78.2200

■ 84.1990, 115.2040,
81.7960

Harmonies

Analogous

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



188.1710, 13.8410, 30.0090



187.8890, 40.9380, 29.0180



186.3940, 55.1530, 19.1930

Triad

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



187.8890, 40.9380, 29.0180



178.7310, 15.9140, -24.1020



164.0000, -88.2570, -13.9610

Complementary

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



187.8890, 40.9380, 29.0180



215.1110, -40.9380, -29.0180

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.



160.1550, -87.7960, -27.8280



187.8890, 40.9380, 29.0180



173.9750, -17.1880, -29.9240

Square

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



187.8890, 40.9380, 29.0180



181.9840, 40.4870, -12.3850



167.2280, -54.5090, -30.8690



176.6330, -58.6420, 5.5020

Rectangle

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



187.8890, 40.9380, 29.0180



184.9560, 56.0260, 8.8740



167.2280, -54.5090, -30.8690



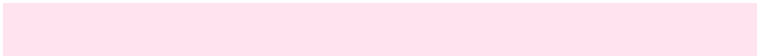
160.9730, -92.7950, -19.8270

Sweetspot

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



187.8890, 40.9380, 29.0180



236.6260, 13.1570, 9.3570



183.4660, 3.0650, 38.0810



116.7670, 8.2060, 5.4700



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.



187.8890, 40.9380, 29.0180



182.7920, 51.7570, 36.6930



189.2960, 49.3770, 13.7370



114.1580, 5.5470, 4.0990



63.9360, 87.4230, 62.1350



20.2630, 27.7810, 19.6610

Inverse Universe

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



187.8890, 40.9380, 29.0180



182.7920, 51.7570, 36.6930



213.7040, -49.3770, -13.7370



114.1580, 5.5470, 4.0990



63.9360, 87.4230, 62.1350



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 187.8890, 40.9380, 29.0180 looks on a white background.

Color Contrast Check

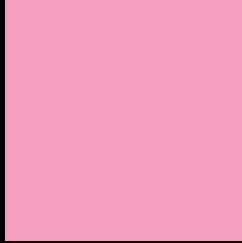
Large Text (above 18pt) WCAG AA × Fail

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 187.8890, 40.9380, 29.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

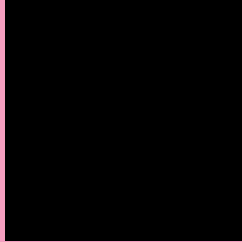
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8890, 40.9380, 29.0180

Background



This preview shows how black text looks on a background with the YIQ color 187.8890, 40.9380, 29.0180.



This preview shows how white text looks on a background with the YIQ color 187.8890, 40.9380,

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

187.8890, 40.9380, 29.0180

Protanopia

184.8390, -9.4920, 6.8280

Deuteranopia

185.7180, 9.9020, 7.7740



Tritanopia

186.8860, 45.0200, 21.1160

Trichromacy



Original Color

187.8890, 40.9380, 29.0180



Protanomaly

186.1620, 8.8920, 15.0680



Deuteranomaly

186.5070, 21.0420, 15.1380



Tritanomaly

187.3960, 43.6440, 24.0280

Monochromacy



Original Color

187.8890, 40.9380, 29.0180



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8890, 40.9380, 29.0180 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, 158, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 158, 192)  
}
```

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, 158, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 158, 192) }
```

Border

The CSS property to change the border of an element to YIQ 187.8890, 40.9380, 29.0180 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, 158, 192) }
```


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

```
.border{ border-color:rgb(245, 158, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 158, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 158, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 158, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 158,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8890, 40.9380, 29.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 158, 192) }
```

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

```
.background{ background-color: rgb(245,  
158, 192) }
```

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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