

Converting Colors

YIQ(187.7240, 37.2690, 34.9410)

Have a look what the booklet for
YIQ(187.7240, 37.2690, 34.9410)
contains.

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Color

**YIQ(187.7240, 37.2690,
34.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	F59BCE
RGB	245, 155, 206
RGB Percent	96%, 61%, 81%
CMY	0.0390, 0.3923, 0.1920
CMYK	0.00, 0.37, 0.16, 0.04
HSL	326°, 82%, 78%
HSV	326°, 37%, 96%
XYZ	60.5371, 47.3115, 64.3515
YIQ	187.7240, 37.2690, 34.9410

Conversions

Conversions Part 2

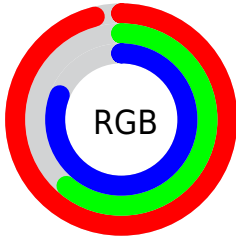
Format	Color
R _Y B	245, 155, 206
Decimal	16096206
CIE Lab	74.39, 40.59, -12.00
CIE LCh	74, 42.324, 343.532
Yxy	47.3115, 0.3516, 0.2747
Android (android.graphics.Color)	4294286286 (0xFFFF59BCE)
YUV	187.7240, 9.0101, 50.2311
Hunter-Lab	68.7833, 36.7293, -7.3215

Details

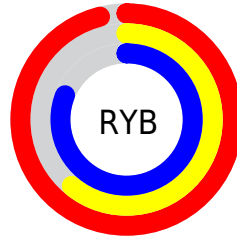
The YIQ color $187.7240, 37.2690, 34.9410$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $212.2760, -37.2690, -34.9410$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.1720, 12.1000, 23.0120$, and $133.1150, 34.6100, 33.5700$ is the 20% darker color. If you saturate the color by 10%, you get $171.7950, 47.6750, 44.5950$, and if you desaturate by 10%, it is $203.0660, 27.1380, 25.8100$.

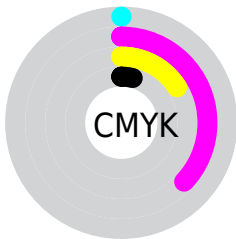
Distribution



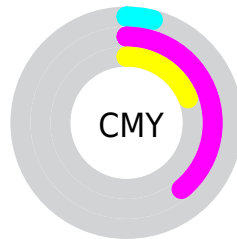
- Red (96%)
- Green (61%)
- Blue (81%)



- Red (96%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.7240, 37.2690, 34.9410 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 187.7240, 37.2690, 34.9410 by changing the saturation by 10% instead.


 187.7240, 37.2690,
34.9410


 187.7240, 37.2690,
34.9410


255.0000, -0.0000,
-0.0000


 160.1260, 36.0770,
34.5170


 229.1720, 12.1000,
23.0120

 133.1150, 34.6100,
33.5700

 245.6080, 4.4000,
8.3680

 106.5170, 33.4180,
33.1460

 80.9190, 32.2260,
32.7220

 54.2610, 31.2630,
33.6550

 29.7770, 29.7500,
33.5420

 20.2070, 22.1870,

21.9230

■ 9.3550, 15.3580,
8.0140

■ 0.0000, 0.0000,
0.0000

■ 187.7240, 37.2690,
34.9410

■ 187.7240, 37.2690,
34.9410

■ 171.7950, 47.6750,
44.5950

■ 203.0660, 27.1380,
25.8100

■ 156.5670, 57.4850,
54.0370

■ 218.8810, 17.0530,
15.8450

■ 140.6380, 67.8910,
63.6910

■ 234.2230, 6.9220,
6.7140

■ 125.4100, 77.7010,
73.1330

■ 250.0380, -3.1630,
-3.2510

■ 109.4810, 88.1070,
82.7870

■ 252.0100, -5.9600,
-2.1200

■ 94.1390, 98.2380,
91.9180

■ 89.1010, 101.4010,
95.1690

Harmonies

Analogous

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



187.5920, 2.4700, 32.3420



187.7240, 37.2690, 34.9410



184.5070, 56.5730, 26.5010

Triad

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



187.7240, 37.2690, 34.9410



178.3750, 28.6600, -23.8200



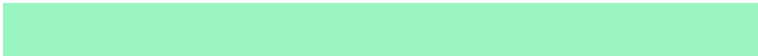
144.7770, -130.7100, -32.0380

Complementary

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



187.7240, 37.2690, 34.9410



212.2760, -37.2690, -34.9410

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.



148.2290, -108.9760, -40.4640



187.7240, 37.2690, 34.9410



173.2550, -6.4130, -32.4690

Square

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



187.7240, 37.2690, 34.9410



181.7360, 53.0490, -8.7670



165.8170, -49.0980, -35.3220



166.8790, -86.0580, -4.2500

Rectangle

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



187.7240, 37.2690, 34.9410



184.5920, 63.2230, 16.1110



165.8170, -49.0980, -35.3220



144.2240, -127.7750, -35.6710

Sweetspot

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



187.7240, 37.2690, 34.9410



237.1960, 11.5520, 10.9120



176.6220, -6.2420, 36.0460



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.



187.7240, 37.2690, 34.9410



183.6700, 46.5290, 43.3370



182.7080, 51.3930, 21.2570



114.3860, 4.9050, 4.7210



67.5840, 77.1510, 72.0870



21.4030, 24.5710, 22.7710

Inverse Universe

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



187.7240, 37.2690, 34.9410



183.6700, 46.5290, 43.3370



217.2920, -51.3930, -21.2570



114.3860, 4.9050, 4.7210



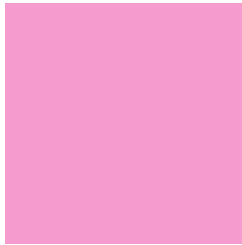
67.5840, 77.1510, 72.0870



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 187.7240, 37.2690, 34.9410 looks on a white background.

Color Contrast Check

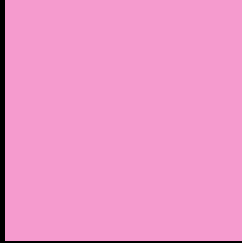
Large Text (above 18pt) WCAG AA × Fail

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 187.7240, 37.2690, 34.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

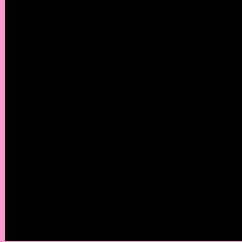
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.7240, 37.2690, 34.9410

Background



This preview shows how black text looks on a background with the YIQ color 187.7240, 37.2690, 34.9410.



This preview shows how white text looks on a background with the YIQ color 187.7240, 37.2690,

34.9410.

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

187.7240, 37.2690, 34.9410

Protanopia

184.3960, -18.2500, 11.3660

Deuteranopia

185.2210, 1.2360, 10.6440



Tritanopia

186.2880, 43.8280, 20.6920

Trichromacy



Original Color

187.7240, 37.2690, 34.9410



Protanomaly

185.5020, 2.2430, 19.9310



Deuteranomaly

186.3200, 14.4390, 19.1670



Tritanomaly

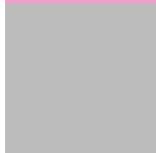
186.7810, 41.1220, 25.6820

Monochromacy



Original Color

187.7240, 37.2690, 34.9410



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0330, 13.5690, 12.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.7240, 37.2690, 34.9410 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, 155, 206)` looks like.

```
.text, #text, p{  
    color:rgb(245, 155, 206)  
}
```

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, 155, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 155, 206) }
```

Border

The CSS property to change the border of an element to YIQ 187.7240, 37.2690, 34.9410 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, 155, 206) }
```


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

```
.border{ border-color:rgb(245, 155, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 155, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 155, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 155, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 155,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 187.7240, 37.2690, 34.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 155, 206) }
```

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

```
.background{ background-color: rgb(245,  
155, 206) }
```

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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