

Converting Colors

YIQ(191.9810, 37.6830, 27.4350)

Have a look what the booklet for
YIQ(191.9810, 37.6830, 27.4350)
contains.

YIQ(191.9810, 37.6830, 27.4350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(191.9810, 37.6830,
27.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A4C5
RGB	245, 164, 197
RGB Percent	96%, 64%, 77%
CMY	0.0390, 0.3570, 0.2273
CMYK	0.00, 0.33, 0.20, 0.04
HSL	336°, 80%, 80%
HSV	336°, 33%, 96%
XYZ	61.0262, 49.9937, 59.2756
YIQ	191.9810, 37.6830, 27.4350

Conversions

Conversions Part 2

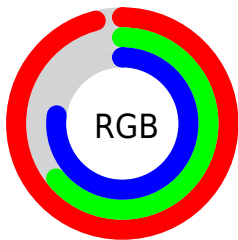
Format	Color
R_{YB}	245, 164, 197
Decimal	16098501
CIE _{Lab}	76.07, 34.52, -4.57
CIE _{LCh}	76, 34.818, 352.454
Yxy	49.9937, 0.3584, 0.2936
Android (android.graphics.Color)	4294288581 (0xFFFF5A4C5)
YUV	191.9810, 2.4744, 46.4977
Hunter-Lab	70.7062, 30.3267, -0.2106

Details

The YIQ color **191.9810, 37.6830, 27.4350** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.0190, -37.6830, -27.4350**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3410, 9.9460, 17.9940**, and **137.3720, 35.0240, 26.0640** is the 20% darker color. If you saturate the color by 10%, you get **175.7100, 49.0520, 36.1560**, and if you desaturate by 10%, it is **207.7790, 26.2680, 19.5480**.

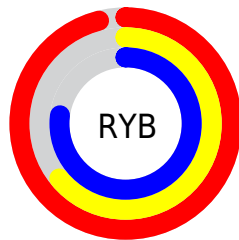
Distribution



Red (96%)

Green (64%)

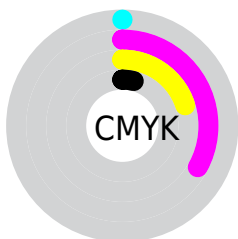
Blue (77%)



Red (96%)

Yellow (64%)

Blue (77%)

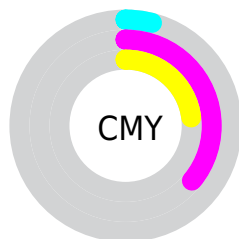


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.9810, 37.6830, 27.4350 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 191.9810, 37.6830, 27.4350 by changing the saturation by 10% instead.


 191.9810, 37.6830,
27.4350

 191.9810, 37.6830,
27.4350

255.0000, -0.0000,
-0.0000


 164.3830, 36.4910,
27.0110


 234.3410, 9.9460,
17.9940


 137.3720, 35.0240,
26.0640

 251.4780, 1.6500,
3.1380

 111.7740, 33.8320,
25.6400

 85.8770, 32.0440,
25.0040

 60.8060, 30.8060,
25.4140

 34.5610, 30.1180,
26.8700

 19.5230, 24.1130,

20.0570

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 191.9810, 37.6830,
27.4350

■ 191.9810, 37.6830,
27.4350

■ 175.7100, 49.0520,
36.1560

■ 207.7790, 26.2680,
19.5480

■ 159.9120, 60.4670,
44.0430

■ 224.0500, 14.8990,
10.8270

■ 143.5270, 72.1570,
52.4530

■ 239.8480, 3.4840,
2.9400

■ 127.8430, 83.2510,
60.6510

■ 252.0100, -5.9600,
-2.1200

■ 111.4580, 94.9410,
69.0610

■ 95.7740, 106.0350,
77.2590

■ 84.6550, 113.9200,
83.0400

Harmonies

Analogous

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



192.3340, 11.8240, 28.0160



191.9810, 37.6830, 27.4350



190.1270, 51.5310, 18.7550

Triad

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



191.9810, 37.6830, 27.4350



183.0840, 16.4180, -22.2220



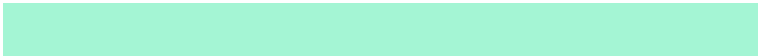
171.4310, -79.2250, -12.4490

Complementary

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



191.9810, 37.6830, 27.4350



217.0190, -37.6830, -27.4350

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.



168.3090, -76.4260, -24.6340



191.9810, 37.6830, 27.4350



178.9970, -14.2540, -28.0300

Square

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



191.9810, 37.6830, 27.4350



186.4400, 39.2030, -11.1410



173.5170, -47.9530, -28.5370



181.3730, -54.9740, 5.1060

Rectangle

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



191.9810, 37.6830, 27.4350



189.4010, 53.2750, 9.1710



173.5170, -47.9530, -28.5370



169.3010, -81.9750, -17.6790

Sweetspot

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



191.9810, 37.6830, 27.4350



238.6150, 11.6900, 8.4100



187.2870, 2.0110, 35.1550



117.4680, 7.6100, 5.2580



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.



191.9810, 37.6830, 27.4350



188.2860, 47.3100, 34.6860



192.3280, 46.3510, 13.5110



114.1580, 5.5470, 4.0990



64.2780, 86.4600, 63.0680



20.3770, 27.4600, 19.9720

Inverse Universe

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



191.9810, 37.6830, 27.4350



188.2860, 47.3100, 34.6860



216.6720, -46.3510, -13.5110



114.1580, 5.5470, 4.0990



64.2780, 86.4600, 63.0680



20.3770, 27.4600, 19.9720

Previews

White Background



This preview shows how the YIQ color 191.9810, 37.6830, 27.4350 looks on a white background.

Color Contrast Check

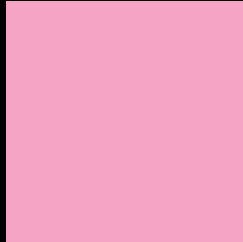
Large Text (above 18pt) WCAG AA × Fail

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 191.9810, 37.6830, 27.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

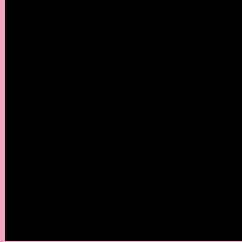
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.9810, 37.6830, 27.4350

Background



This preview shows how black text looks on a background with the YIQ color 191.9810, 37.6830, 27.4350.



This preview shows how white text looks on a background with the YIQ color 191.9810, 37.6830,

27.4350.

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

191.9810, 37.6830, 27.4350

Protanopia

188.8390, -9.4920, 6.8280

Deuteranopia

189.6470, 8.6640, 8.1840



Tritanopia

191.2060, 41.1230, 20.1550

Trichromacy



Original Color

191.9810, 37.6830, 27.4350



Protanomaly

190.1510, 7.4250, 14.1210



Deuteranomaly

190.1370, 19.2080, 15.3360



Tritanomaly

191.6020, 40.0680, 22.7560

Monochromacy



Original Color

191.9810, 37.6830, 27.4350



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

192.0390, 13.4320, 9.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.9810, 37.6830, 27.4350 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, 164, 197)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 197)  
}
```

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, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 197) }
```

Border

The CSS property to change the border of an element to YIQ 191.9810, 37.6830, 27.4350 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, 164, 197) }
```


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

```
.border{ border-color:rgb(245, 164, 197) }
```

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

Here you see how a box with a 4 pixel rgb(245, 164, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 191.9810, 37.6830, 27.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 197) }
```

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

```
.background{ background-color: rgb(245,  
164, 197) }
```

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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