

Converting Colors

YIQ(193.4680, 43.1410, 16.6210)

Have a look what the booklet for
YIQ(193.4680, 43.1410, 16.6210)
contains.

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Color

**YIQ(193.4680, 43.1410,
16.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ABAE
RGB	245, 171, 174
RGB Percent	96%, 67%, 68%
CMY	0.0390, 0.3295, 0.3175
CMYK	0.00, 0.30, 0.29, 0.04
HSL	358°, 79%, 82%
HSV	358°, 30%, 96%
XYZ	59.8732, 51.5924, 46.8691
YIQ	193.4680, 43.1410, 16.6210

Conversions

Conversions Part 2

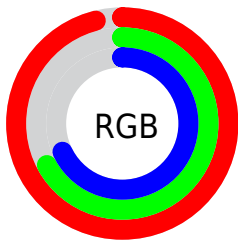
Format	Color
R _Y B	245, 171, 174
Decimal	16100270
CIE Lab	77.04, 27.60, 9.40
CIE LCh	77, 29.153, 18.806
Yxy	51.5924, 0.3781, 0.3258
Android (android.graphics.Color)	4294290350 (0xFFF5ABAE)
YUV	193.4680, -9.5977, 45.1936
Hunter-Lab	71.8278, 23.0928, 11.5916

Details

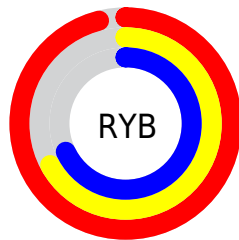
The YIQ color **193.4680, 43.1410, 16.6210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **222.5320, -43.1410, -16.6210**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6000, 16.0460, 6.5580**, and **139.0870, 39.8400, 15.8720** is the 20% darker color. If you saturate the color by 10%, you get **176.1710, 57.3990, 22.5430**, and if you desaturate by 10%, it is **210.2920, 28.8370, 11.5330**.

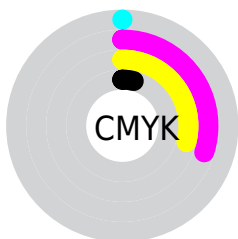
Distribution



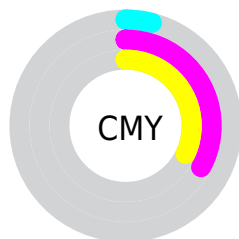
- Red (96%)
- Green (67%)
- Blue (68%)



- Red (96%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4680, 43.1410, 16.6210 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 193.4680, 43.1410, 16.6210 by changing the saturation by 10% instead.


 193.4680, 43.1410,
16.6210


 193.4680, 43.1410,
16.6210


255.0000, -0.0000,
-0.0000


 165.8700, 41.9490,
16.1970


 235.6000, 16.0460,
6.5580

 139.0870, 39.8400,
15.8720

 113.1900, 38.0520,
15.2360

 87.7060, 36.5390,
15.1230

 63.6240, 33.8340,
14.5860

 39.3680, 31.6790,
15.0950

 16.6020, 30.9000,

12.6920

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 193.4680, 43.1410,
16.6210

■ 193.4680, 43.1410,
16.6210

■ 176.1710, 57.3990,
22.5430

■ 210.2920, 28.8370,
11.5330

■ 159.3470, 71.7030,
27.6310

■ 227.5890, 14.5790,
5.6110

■ 142.0500, 85.9610,
33.5530

■ 244.4130, 0.2750,
0.5230

■ 125.2260,
100.2650, 38.6410

■ 252.0100, -5.9600,
-2.1200

■ 107.9290,
114.5230, 44.5630

■ 91.1050, 128.8270,
49.6510

■ 74.3950, 142.8100,
55.0500

Harmonies

Analogous

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



194.1540, 29.7060, 23.3220



193.4680, 43.1410, 16.6210



191.6880, 44.9770, 5.3690

Triad

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



193.4680, 43.1410, 16.6210



183.6820, -8.7530, -23.0970



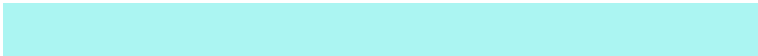
185.2120, -47.2710, 3.1690

Complementary

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



193.4680, 43.1410, 16.6210



222.5320, -43.1410, -16.6210

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.



178.8800, -61.4360, -9.9480



193.4680, 43.1410, 16.6210



179.9100, -35.7580, -23.7740

Square

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



193.4680, 43.1410, 16.6210



187.1320, 16.4630, -17.5290



177.1220, -56.6660, -19.3060



191.3620, -20.9100, 15.5220

Rectangle

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



193.4680, 43.1410, 16.6210



190.4820, 39.3850, -3.4230



177.1220, -56.6660, -19.3060



182.7550, -53.4140, -1.1420

Sweetspot

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



193.4680, 43.1410, 16.6210



238.9910, 13.3870, 5.1870



200.3660, 17.9660, 37.8540



117.5990, 8.6190, 3.4910



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.



193.4680, 43.1410, 16.6210



190.9640, 53.5480, 20.7480



212.4970, 35.0290, -1.5710



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.8690, 34.5220, 13.1300

Inverse Universe

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



193.4680, 43.1410, 16.6210



190.9640, 53.5480, 20.7480



203.5030, -35.0290, 1.5710



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 193.4680, 43.1410, 16.6210 looks on a white background.

Color Contrast Check

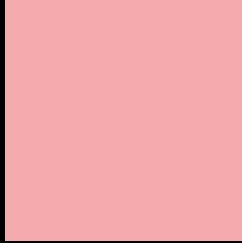
Large Text (above 18pt) WCAG AA × Fail

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 193.4680, 43.1410, 16.6210 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 193.4680, 43.1410, 16.6210

Background



This preview shows how black text looks on a background with the YIQ color 193.4680, 43.1410, 16.6210.



This preview shows how white text looks on a background with the YIQ color 193.4680, 43.1410,

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

193.4680, 43.1410, 16.6210

Protanopia

190.8110, 4.9060, -0.8060

Deuteranopia

192.2000, 22.9240, 3.0520



Tritanopia

194.2060, 41.1230, 20.1550

Trichromacy



Original Color

193.4680, 43.1410, 16.6210



Protanomaly

191.6280, 18.8430, 5.4270



Deuteranomaly

192.6680, 30.5340, 8.3100



Tritanomaly

193.8640, 42.0860, 19.2220

Monochromacy



Original Color

193.4680, 43.1410, 16.6210



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.1870, 15.7710, 6.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4680, 43.1410, 16.6210 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, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 174)  
}
```

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, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 174) }
```

Border

The CSS property to change the border of an element to YIQ 193.4680, 43.1410, 16.6210 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, 171, 174) }
```


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

```
.border{ border-color:rgb(245, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4680, 43.1410, 16.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 174) }
```

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

```
.background{ background-color: rgb(245,  
171, 174) }
```

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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