

# Converting Colors

YIQ(203.4680, 43.1410, 16.6210)

Have a look what the booklet for  
YIQ(203.4680, 43.1410, 16.6210)  
contains.

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# Color

**YIQ(203.4680, 43.1410,  
16.6210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB5B8
RGB	255, 181, 184
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2903, 0.2783
CMYK	0.00, 0.29, 0.28, 0.00
HSL	358°, 100%, 85%
HSV	358°, 29%, 100%
XYZ	66.4138, 57.7576, 53.0190
YIQ	203.4680, 43.1410, 16.6210

# Conversions

## Conversions Part 2

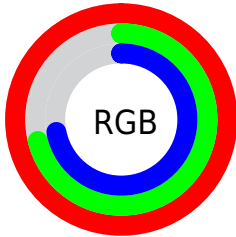
Format	Color
R <sub>Y</sub> B	255, 181, 184
Decimal	16758200
CIE Lab	80.60, 27.29, 9.21
CIE LCh	81, 28.804, 18.654
Yxy	57.7576, 0.3748, 0.3260
Android (android.graphics.Color)	4294948280 (0xFFFFB5B8)
YUV	203.4680, -9.5977, 45.1936
Hunter-Lab	75.9984, 22.9910, 11.8362

# Details

The YIQ color **203.4680, 43.1410, 16.6210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **232.5320, -43.1410, -16.6210**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.7240, 9.7650, 4.7490**, and **148.9730, 40.1610, 15.5610** is the 20% darker color. If you saturate the color by 10%, you get **185.4700, 57.9950, 22.7550**, and if you desaturate by 10%, it is **220.8790, 28.5620, 11.0100**.

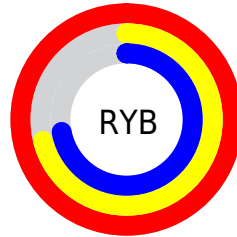
# Distribution



Red (100%)

Green (71%)

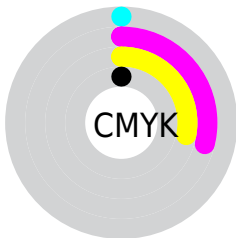
Blue (72%)



Red (100%)

Yellow (71%)

Blue (72%)

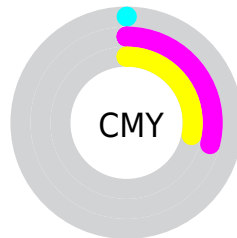


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 203.4680, 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 203.4680, 43.1410, 16.6210 by changing the saturation by 10% instead.





 203.4680, 43.1410,  
16.6210


 203.4680, 43.1410,  
16.6210


255.0000, -0.0000,  
-0.0000


 175.8700, 41.9490,  
16.1970


 242.7240, 9.7650,  
4.7490

 148.9730, 40.1610,  
15.5610

 122.4890, 38.6480,  
15.4480

 96.7060, 36.5390,  
15.1230

 71.9230, 34.4300,  
14.7980

 48.1400, 32.3210,  
14.4730

 23.9980, 29.8450,

15.2930

■ 12.3730, 24.1150,  
9.0030

■ 0.0000, 0.0000,  
0.0000

■ 203.4680, 43.1410,  
16.6210

■ 203.4680, 43.1410,  
16.6210

■ 185.4700, 57.9950,  
22.7550

■ 220.8790, 28.5620,  
11.0100

■ 167.9450, 72.8950,  
28.0550

■ 238.9910, 13.3870,  
5.1870

■ 149.9470, 87.7490,  
34.1890

255.0000, -0.0000,  
-0.0000

■ 132.4220,  
102.6490, 39.4890

■ 114.4240,  
117.5030, 45.6230

■ 96.8990, 132.4030,  
50.9230

■ 78.9010, 147.2570,  
57.0570

■ 77.4990, 148.4490,  
57.4810

# Harmonies

## Analogous

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



204.1540, 29.7060, 23.3220



203.4680, 43.1410, 16.6210



201.6880, 44.9770, 5.3690

# Triad

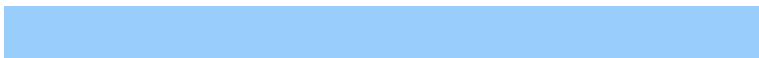
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203.4680, 43.1410, 16.6210



193.9810, -8.1570, -22.8850



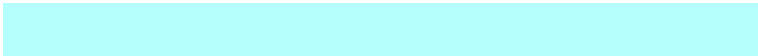
195.3970, -46.3540, 3.0700

# Complementary

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



203.4680, 43.1410, 16.6210



232.5320, -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.



189.1790, -60.8400, -9.7360



203.4680, 43.1410, 16.6210



190.2090, -35.1620, -23.5620

# Square

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



203.4680, 43.1410, 16.6210



197.1320, 16.4630, -17.5290



187.3070, -55.7490, -19.4050



201.0630, -21.5060, 15.3100



# Rectangle

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



203.4680, 43.1410, 16.6210



200.7810, 39.9810, -3.2110



187.3070, -55.7490, -19.4050



192.9400, -52.4970, -1.2410

# Sweetspot

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



203.4680, 43.1410, 16.6210



238.9910, 13.3870, 5.1870



210.3660, 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.



203.4680, 43.1410, 16.6210



192.9530, 52.0810, 19.8010



222.4970, 35.0290, -1.5710



118.8870, 7.7480, 2.7560



58.0210, 111.2680, 42.9800



19.4780, 37.1810, 14.5010



# Inverse Universe

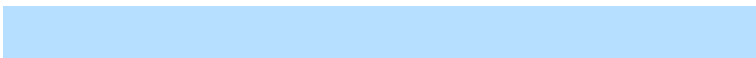
The Inverse Universe completely reimagines the original color for something new.



203.4680, 43.1410, 16.6210



192.9530, 52.0810, 19.8010



213.5030, -35.0290, 1.5710



118.8870, 7.7480, 2.7560



58.0210, 111.2680, 42.9800



19.4780, 37.1810, 14.5010



# Previews

## White Background



This preview shows how the YIQ color 203.4680, 43.1410, 16.6210 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

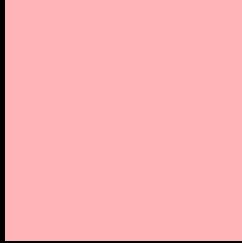
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 203.4680, 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 203.4680, 43.1410, 16.6210

## Background



This preview shows how black text looks on a background with the YIQ color 203.4680, 43.1410, 16.6210.



This preview shows how white text looks on a background with the YIQ color 203.4680, 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

203.4680, 43.1410, 16.6210

### Protanopia

200.8110, 4.9060, -0.8060

### Deuteranopia

201.9120, 23.7950, 3.7870



## **Tritanopia**

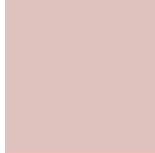
203.9070, 40.5270, 19.9430

# Trichromacy



## Original Color

203.4680, 43.1410, 16.6210



## Protanomaly

201.6280, 18.8430, 5.4270



## Deuteranomaly

202.6680, 30.5340, 8.3100



## Tritanomaly

203.5650, 41.4900, 19.0100

# Monochromacy



## Original Color

203.4680, 43.1410, 16.6210



## Achromatopsia

203.0000, 0.0000, -0.0000



## Achromatomaly

203.1870, 15.7710, 6.0350

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 203.4680, 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(255, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 184)  
}
```

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(255, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 184) }
```

## Border

The CSS property to change the border of an element to YIQ 203.4680, 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(255, 181, 184) }
```



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

```
.border{ border-color:rgb(255, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
184) }
```

# Background

The CSS property to change the background color of an element to YIQ 203.4680, 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(255, 181, 184) }
```

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

```
.background{ background-color: rgb(255,  
181, 184) }
```

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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