

Converting Colors

YIQ(205.8310, 37.6850, 16.3810)

Have a look what the booklet for
YIQ(205.8310, 37.6850, 16.3810)
contains.

YIQ(205.8310, 37.6850, 16.3810)	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(205.8310, 37.6850,
16.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB9C0
RGB	252, 185, 192
RGB Percent	99%, 73%, 75%
CMY	0.0116, 0.2746, 0.2469
CMYK	0.00, 0.27, 0.24, 0.01
HSL	354°, 92%, 86%
HSV	354°, 27%, 99%
XYZ	67.0216, 59.1968, 57.7842
YIQ	205.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

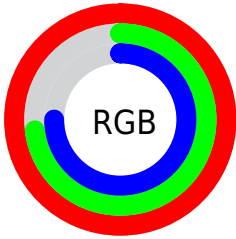
Format	Color
R _Y B	252, 185, 192
Decimal	16562624
CIE Lab	81.40, 25.21, 6.01
CIE LCh	81, 25.916, 13.400
Yxy	59.1968, 0.3642, 0.3217
Android (android.graphics.Color)	4294752704 (0xFFFCB9C0)
YUV	205.8310, -6.8187, 40.4902
Hunter-Lab	76.9395, 20.8465, 9.3287

Details

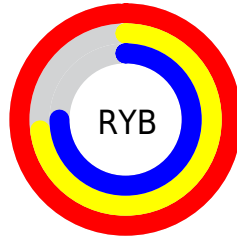
The YIQ color **205.8310, 37.6850, 16.3810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **231.1690, -37.6850, -16.3810**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9840, 6.0970, 5.1450**, and **150.7490, 34.9800, 15.8440** is the 20% darker color. If you saturate the color by 10%, you get **188.5340, 51.9430, 22.3030**, and if you desaturate by 10%, it is **223.1280, 23.4270, 10.4590**.

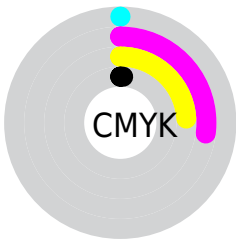
Distribution



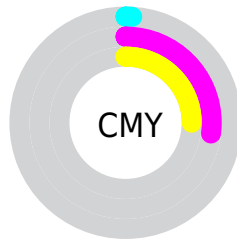
- Red (99%)
- Green (73%)
- Blue (75%)



- Red (99%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.8310, 37.6850, 16.3810 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 205.8310, 37.6850, 16.3810 by changing the saturation by 10% instead.


 205.8310, 37.6850,
16.3810


 205.8310, 37.6850,
16.3810


255.0000, -0.0000,
-0.0000


 178.2330, 36.4930,
15.9570


 245.9840, 6.0970,
5.1450

 150.7490, 34.9800,
15.8440

 124.7380, 33.5130,
14.8970

 99.2540, 32.0000,
14.7840

 74.6560, 30.8080,
14.3600

 50.9870, 28.3780,
14.3460

 27.6170, 26.5440,

14.5440

■ 12.2590, 24.4360,
8.6920

■ 0.0000, 0.0000,
0.0000

■ 205.8310, 37.6850,
16.3810

■ 205.8310, 37.6850,
16.3810

■ 188.5340, 51.9430,
22.3030

■ 223.1280, 23.4270,
10.4590

■ 171.3510, 65.8800,
28.5360

■ 240.3110, 9.4900,
4.2260

■ 153.4670, 80.4130,
34.9810

■ 254.1030, -1.7880,
-0.6360

■ 136.2840, 94.3500,
41.2140

■ 118.9870,
108.6080, 47.1360

■ 101.8040,
122.5450, 53.3690

■ 84.5070, 136.8030,
59.2910

■ 78.4260, 141.5250,
61.8210

Harmonies

Analogous

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



206.2780, 23.4250, 21.5130



205.8310, 37.6850, 16.3810



204.4750, 41.2630, 6.5990

Triad

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



205.8310, 37.6850, 16.3810



197.1990, -2.8390, -20.1430



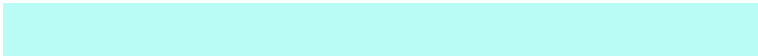
197.0120, -43.8320, 1.4160

Complementary

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



205.8310, 37.6850, 16.3810



231.1690, -37.6850, -16.3810

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.



192.7730, -53.8250, -10.2170



205.8310, 37.6850, 16.3810



193.9820, -27.0930, -21.1170

Square

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



205.8310, 37.6850, 16.3810



199.9090, 18.7090, -14.1790



191.7380, -46.7170, -17.8930



202.5850, -23.1560, 12.1720

Rectangle

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



205.8310, 37.6850, 16.3810



202.9920, 38.0090, -0.5110



191.7380, -46.7170, -17.8930



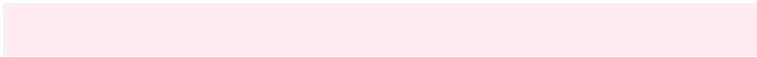
195.7400, -49.0580, -2.9940

Sweetspot

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



205.8310, 37.6850, 16.3810



241.2080, 11.2780, 4.8620



210.2790, 13.6570, 33.3450



119.0010, 7.4270, 3.0670



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.



205.8310, 37.6850, 16.3810



198.5440, 45.9830, 20.1830



220.2950, 32.7820, 0.6060



116.1150, 7.1060, 3.3780



58.7910, 106.2240, 46.2880



18.9230, 34.4300, 14.7980

Inverse Universe

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



205.8310, 37.6850, 16.3810



198.5440, 45.9830, 20.1830



216.7050, -32.7820, -0.6060



116.1150, 7.1060, 3.3780



58.7910, 106.2240, 46.2880



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 205.8310, 37.6850, 16.3810 looks on a white background.

Color Contrast Check

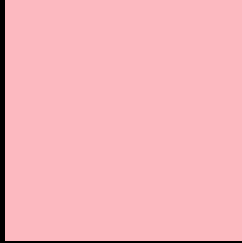
Large Text (above 18pt) WCAG AA × Fail

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 205.8310, 37.6850, 16.3810 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 205.8310, 37.6850, 16.3810

Background



This preview shows how black text looks on a background with the YIQ color 205.8310, 37.6850, 16.3810.



This preview shows how white text looks on a background with the YIQ color 205.8310, 37.6850,

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

205.8310, 37.6850, 16.3810

Protanopia

203.0820, 2.7050, 0.5370

Deuteranopia

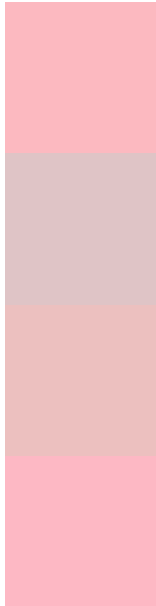
204.5850, 20.4020, 4.7060



Tritanopia

206.2270, 36.6300, 18.9820

Trichromacy



Original Color

205.8310, 37.6850, 16.3810

Protanomaly

204.3010, 15.4500, 6.3460

Deuteranomaly

205.0420, 26.5450, 9.0170

Tritanomaly

205.9990, 37.2720, 18.3600

Monochromacy



Original Color

205.8310, 37.6850, 16.3810

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.8170, 13.9370, 6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.8310, 37.6850, 16.3810 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(252, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(252, 185, 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(252, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 185, 192) }
```

Border

The CSS property to change the border of an element to YIQ 205.8310, 37.6850, 16.3810 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(252, 185, 192) }
```


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

```
.border{ border-color:rgb(252, 185, 192) }
```

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

Here you see how a box with a 4 pixel rgb(252, 185, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(252, 185,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 205.8310, 37.6850, 16.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 185, 192) }
```

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

```
.background{ background-color: rgb(252,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor