

Converting Colors

YIQ(203.8250, 37.8220, 19.4060)

Have a look what the booklet for
YIQ(203.8250, 37.8220, 19.4060)
contains.

YIQ(203.8250, 37.8220, 19.4060)	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(203.8250, 37.8220,
19.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB5C3
RGB	252, 181, 195
RGB Percent	99%, 71%, 76%
CMY	0.0116, 0.2903, 0.2351
CMYK	0.00, 0.28, 0.23, 0.01
HSL	348°, 92%, 85%
HSV	348°, 28%, 99%
XYZ	66.5334, 57.6813, 59.2777
YIQ	203.8250, 37.8220, 19.4060

Conversions

Conversions Part 2

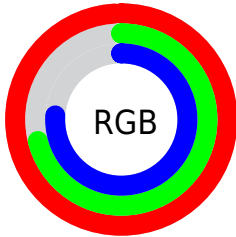
Format	Color
R _Y B	252, 181, 195
Decimal	16561603
CIE Lab	80.56, 27.74, 3.18
CIE LCh	81, 27.922, 6.533
Yxy	57.6813, 0.3626, 0.3144
Android (android.graphics.Color)	4294751683 (0xFFFCB5C3)
YUV	203.8250, -4.3507, 42.2495
Hunter-Lab	75.9482, 23.4633, 6.8878

Details

The YIQ color **203.8250, 37.8220, 19.4060** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.1750, -37.8220, -19.4060**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.9780, 6.2340, 8.1700**, and **149.2160, 35.1630, 18.0350** is the 20% darker color. If you saturate the color by 10%, you get **186.8700, 51.1170, 26.2610**, and if you desaturate by 10%, it is **220.7800, 24.5270, 12.5510**.

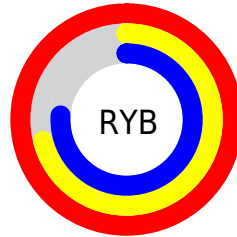
Distribution



Red (99%)

Green (71%)

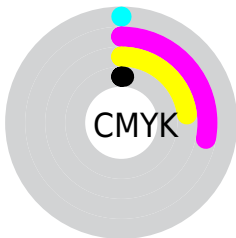
Blue (76%)



Red (99%)

Yellow (71%)

Blue (76%)

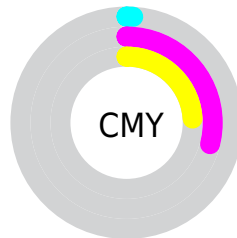


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.8250, 37.8220, 19.4060 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 203.8250, 37.8220, 19.4060 by changing the saturation by 10% instead.


 203.8250, 37.8220,
19.4060


 203.8250, 37.8220,
19.4060


255.0000, -0.0000,
-0.0000


 176.2270, 36.6300,
18.9820


 244.0920, 5.9130,
8.4810

 149.2160, 35.1630,
18.0350

 122.7320, 33.6500,
17.9220

 97.1340, 32.4580,
17.4980

 72.3510, 30.3490,
17.1730

 48.5680, 28.2400,
16.8480

 24.6110, 26.6810,

17.5690

■ 12.6720, 24.7110,
9.2150

■ 0.0000, 0.0000,
0.0000

■ 203.8250, 37.8220,
19.4060

■ 203.8250, 37.8220,
19.4060

■ 186.8700, 51.1170,
26.2610

■ 220.7800, 24.5270,
12.5510

■ 169.9150, 64.4120,
33.1160

■ 237.7350, 11.2320,
5.6960

■ 152.2590, 78.3030,
40.1830

■ 254.1030, -1.7880,
-0.6360

■ 135.3040, 91.5980,
47.0380

■ 118.3490,
104.8930, 53.8930

■ 101.3940,
118.1880, 60.7480

■ 84.4390, 131.4830,
67.6030

■ 81.0480, 134.1420,
68.9740

Harmonies

Analogous

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



204.3640, 20.3070, 22.9550



203.8250, 37.8220, 19.4060



202.4370, 44.4260, 9.8500

Triad

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



203.8250, 37.8220, 19.4060



195.3090, 2.6630, -20.7370



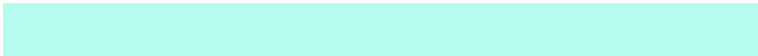
192.7120, -51.8550, -1.8630

Complementary

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



203.8250, 37.8220, 19.4060



229.1750, -37.8220, -19.4060

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.



188.3270, -58.5010, -13.5810



203.8250, 37.8220, 19.4060



191.6680, -23.3330, -23.1810

Square

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



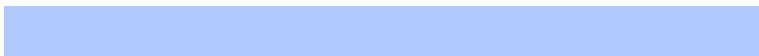
203.8250, 37.8220, 19.4060



197.9590, 24.4400, -13.4160



188.7440, -46.8540, -20.9180



198.6380, -30.6750, 10.7730

Rectangle

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



203.8250, 37.8220, 19.4060



201.4980, 42.4560, 1.4960



188.7440, -46.8540, -20.9180



190.7390, -56.4850, -6.0610

Sweetspot

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



203.8250, 37.8220, 19.4060



241.4360, 10.6360, 5.4840



206.1370, 11.1810, 34.1650



119.1150, 7.1060, 3.3780



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.



203.8250, 37.8220, 19.4060



195.9510, 46.3950, 23.7310



214.5560, 36.5410, 4.0690



116.2290, 6.7850, 3.6890



60.7290, 100.7670, 51.5750



19.6070, 32.5040, 16.6640

Inverse Universe

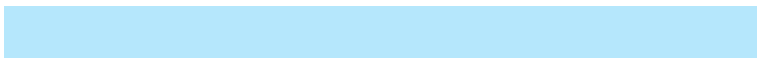
The Inverse Universe completely reimagines the original color for something new.



203.8250, 37.8220, 19.4060



195.9510, 46.3950, 23.7310



218.4440, -36.5410, -4.0690



116.2290, 6.7850, 3.6890



60.7290, 100.7670, 51.5750



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 203.8250, 37.8220, 19.4060 looks on a white background.

Color Contrast Check

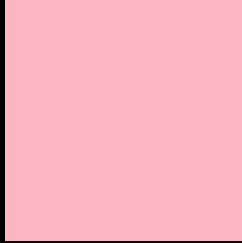
Large Text (above 18pt) WCAG AA × Fail

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 203.8250, 37.8220, 19.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

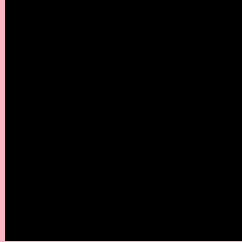
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.8250, 37.8220, 19.4060

Background



This preview shows how black text looks on a background with the YIQ color 203.8250, 37.8220, 19.4060.



This preview shows how white text looks on a background with the YIQ color 203.8250, 37.8220,

19.4060.

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

203.8250, 37.8220, 19.4060

Protanopia

200.5810, -0.1380, 2.5020

Deuteranopia

202.2580, 17.0090, 5.6250



Tritanopia

203.8250, 37.8220, 19.4060

Trichromacy



Original Color

203.8250, 37.8220, 19.4060



Protanomaly

201.3980, 13.7990, 8.7350



Deuteranomaly

202.7260, 24.6190, 10.8830



Tritanomaly

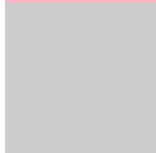
203.8250, 37.8220, 19.4060

Monochromacy



Original Color

203.8250, 37.8220, 19.4060



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

204.0450, 13.2950, 6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.8250, 37.8220, 19.4060 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, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 181, 195)  
}
```

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, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 181, 195) }
```

Border

The CSS property to change the border of an element to YIQ 203.8250, 37.8220, 19.4060 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, 181, 195) }
```


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

```
.border{ border-color:rgb(252, 181, 195) }
```

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

Here you see how a box with a 4 pixel rgb(252, 181, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(252, 181,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 203.8250, 37.8220, 19.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 181, 195) }
```

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

```
.background{ background-color: rgb(252,  
181, 195) }
```

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