

Converting Colors

YIQ(204.1240, 38.4180, 19.6180)

Have a look what the booklet for
YIQ(204.1240, 38.4180, 19.6180)
contains.

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Color

**YIQ(204.1240, 38.4180,
19.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB5C3
RGB	253, 181, 195
RGB Percent	99%, 71%, 76%
CMY	0.0077, 0.2903, 0.2351
CMYK	0.00, 0.28, 0.23, 0.01
HSL	348°, 95%, 85%
HSV	348°, 28%, 99%
XYZ	66.8969, 57.8685, 59.2951
YIQ	204.1240, 38.4180, 19.6180

Conversions

Conversions Part 2

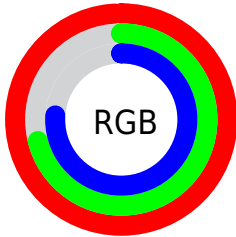
Format	Color
R_{YB}	253, 181, 195
Decimal	16627139
CIE _{Lab}	80.67, 28.10, 3.34
CIE _{LCh}	81, 28.296, 6.781
Yxy	57.8685, 0.3635, 0.3144
Android (android.graphics.Color)	4294817219 (0xFFFD5C3)
YUV	204.1240, -4.4981, 42.8643
Hunter-Lab	76.0713, 23.8474, 7.0354

Details

The YIQ color **204.1240, 38.4180, 19.6180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.8760, -38.4180, -19.6180**, 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 **149.5150, 35.7590, 18.2470** is the 20% darker color. If you saturate the color by 10%, you get **187.1690, 51.7130, 26.4730**, and if you desaturate by 10%, it is **221.0790, 25.1230, 12.7630**.

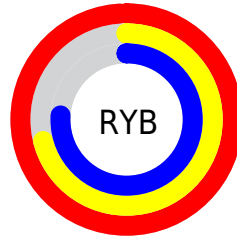
Distribution



Red (99%)

Green (71%)

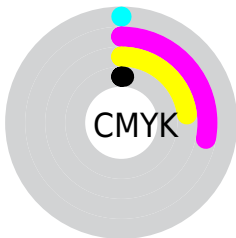
Blue (76%)



Red (99%)

Yellow (71%)

Blue (76%)

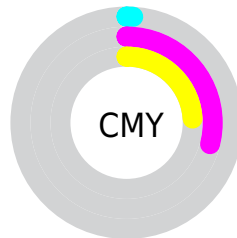


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.1240, 38.4180, 19.6180 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 204.1240, 38.4180, 19.6180 by changing the saturation by 10% instead.


 204.1240, 38.4180,
19.6180


 204.1240, 38.4180,
19.6180


255.0000, -0.0000,
-0.0000


 176.5260, 37.2260,
19.1940


 244.0920, 5.9130,
8.4810

 148.9280, 36.0340,
18.7700

 123.0310, 34.2460,
18.1340

 97.4330, 33.0540,
17.7100

 72.6500, 30.9450,
17.3850

 48.8670, 28.8360,
17.0600

 24.3230, 27.5520,

18.3040

■ 12.6720, 24.7110,
9.2150

■ 0.0000, 0.0000,
0.0000

■ 204.1240, 38.4180,
19.6180

■ 204.1240, 38.4180,
19.6180

■ 187.1690, 51.7130,
26.4730

■ 221.0790, 25.1230,
12.7630

■ 169.5130, 65.6040,
33.5400

■ 238.7350, 11.2320,
5.6960

■ 152.5580, 78.8990,
40.3950

254.4020, -1.1920,
-0.4240

■ 135.6030, 92.1940,
47.2500

■ 117.9470,
106.0850, 54.3170

■ 100.9920,
119.3800, 61.1720

■ 83.9230, 132.9960,
67.7160

■ 81.2330, 135.0590,
68.8750

Harmonies

Analogous

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



204.7770, 20.5820, 23.4780



204.1240, 38.4180, 19.6180



202.7360, 45.0220, 10.0620

Triad

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



204.1240, 38.4180, 19.6180



195.0100, 2.0670, -20.9490



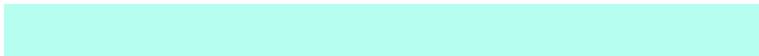
193.1140, -53.0470, -2.2870

Complementary

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



204.1240, 38.4180, 19.6180



229.8760, -38.4180, -19.6180

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.



188.7290, -59.6930, -14.0050



204.1240, 38.4180, 19.6180



191.4830, -24.2500, -23.0820

Square

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



204.1240, 38.4180, 19.6180



198.2580, 25.0360, -13.2040



188.4450, -47.4500, -21.1300



199.3390, -31.2710, 10.5610

Rectangle

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



204.1240, 38.4180, 19.6180



201.7970, 43.0520, 1.7080



188.4450, -47.4500, -21.1300



191.4400, -57.0810, -6.2730

Sweetspot

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



204.1240, 38.4180, 19.6180



239.4470, 12.1030, 6.4310



206.5500, 11.4560, 34.6880



117.8270, 7.9770, 4.1130



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.



204.1240, 38.4180, 19.6180



195.9510, 46.3950, 23.7310



215.4420, 36.8620, 3.7580



119.1150, 7.1060, 3.3780



61.3270, 101.9590, 51.9990



20.5040, 34.2920, 17.3000

Inverse Universe

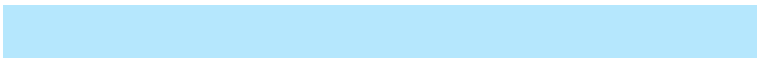
The Inverse Universe completely reimagines the original color for something new.



204.1240, 38.4180, 19.6180



195.9510, 46.3950, 23.7310



218.5580, -36.8620, -3.7580



119.1150, 7.1060, 3.3780



61.3270, 101.9590, 51.9990



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 204.1240, 38.4180, 19.6180 looks on a white background.

Color Contrast Check

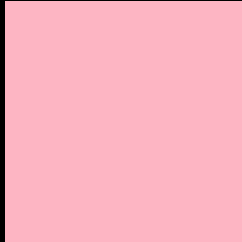
Large Text (above 18pt) WCAG AA × Fail

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 204.1240, 38.4180, 19.6180 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 204.1240, 38.4180, 19.6180

Background



This preview shows how black text looks on a background with the YIQ color 204.1240, 38.4180, 19.6180.



This preview shows how white text looks on a background with the YIQ color 204.1240, 38.4180,

19.6180.

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

204.1240, 38.4180, 19.6180

Protanopia

201.5810, -0.1380, 2.5020

Deuteranopia

202.5570, 17.6050, 5.8370



Tritanopia

204.1240, 38.4180, 19.6180

Trichromacy



Original Color

204.1240, 38.4180, 19.6180

Protanomaly

202.3980, 13.7990, 8.7350

Deuteranomaly

203.0250, 25.2150, 11.0950

Tritanomaly

204.1240, 38.4180, 19.6180

Monochromacy



Original Color

204.1240, 38.4180, 19.6180

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.3440, 13.8910, 7.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.1240, 38.4180, 19.6180 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(253, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 195) }
```

Border

The CSS property to change the border of an element to YIQ 204.1240, 38.4180, 19.6180 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(253, 181, 195) }
```


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

```
.border{ border-color:rgb(253, 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(253, 181, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 204.1240, 38.4180, 19.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 195) }
```

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

```
.background{ background-color: rgb(253,  
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](#).

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