

Converting Colors

YIQ(203.2090, 19.8460, 36.8220)

Have a look what the booklet for
YIQ(203.2090, 19.8460, 36.8220)
contains.

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Color

**YIQ(203.2090, 19.8460,
36.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AEF4
RGB	245, 174, 244
RGB Percent	96%, 68%, 96%
CMY	0.0390, 0.3177, 0.0431
CMYK	0.00, 0.29, 0.00, 0.04
HSL	301°, 78%, 82%
HSV	301°, 29%, 96%
XYZ	69.1355, 56.2149, 92.7997
YIQ	203.2090, 19.8460, 36.8220

Conversions

Conversions Part 2

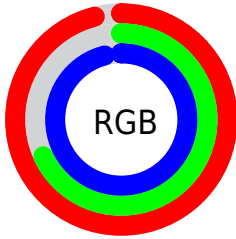
Format	Color
R _Y B	245, 174, 244
Decimal	16101108
CIE Lab	79.74, 37.01, -24.56
CIE LCh	80, 44.420, 326.431
Yxy	56.2149, 0.3169, 0.2577
Android (android.graphics.Color)	4294291188 (0xFFF5AEF4)
YUV	203.2090, 20.1100, 36.6507
Hunter-Lab	74.9766, 33.3848, -20.9005

Details

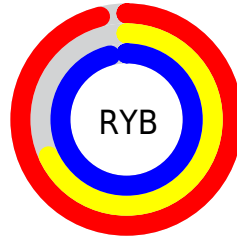
The YIQ color **203.2090, 19.8460, 36.8220** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **215.7910, -19.8460, -36.8220**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **240.3250, 6.8750, 13.0750**, and **148.6710, 18.4250, 35.0410** is the 20% darker color. If you saturate the color by 10%, you get **188.5340, 26.7210, 49.8970**, and if you desaturate by 10%, it is **217.2970, 13.2460, 24.2700**.

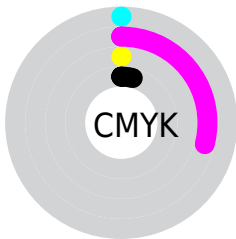
Distribution



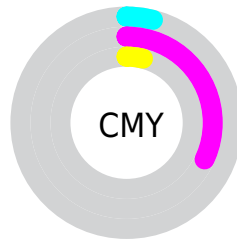
- Red (96%)
- Green (68%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.2090, 19.8460, 36.8220 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 203.2090, 19.8460, 36.8220 by changing the saturation by 10% instead.

203.2090, 19.8460,
36.8220

203.2090, 19.8460,
36.8220

255.0000, -0.0000,
-0.0000

175.3830, 19.2960,
35.7760

240.3250, 6.8750,
13.0750

148.0840, 18.7000,
35.5640

121.9590, 17.5540,
34.3060

96.1330, 17.0040,
33.2600

70.8340, 16.4080,
33.0480

45.8340, 16.4080,
33.0480

23.9970, 14.3910,

31.0550

■ 15.8080, 10.1290,
20.1850

■ 2.4110, -5.4110,
4.4530

■ 203.2090, 19.8460,
36.8220

■ 203.2090, 19.8460,
36.8220

■ 188.5340, 26.7210,
49.8970

■ 217.2970, 13.2460,
24.2700

■ 174.3320, 33.6420,
62.1380

■ 232.0860, 6.0500,
11.5060

■ 159.6570, 40.5170,
75.2130

■ 246.1740, -0.5500,
-1.0460

■ 145.5690, 47.1170,
87.7650

■ 250.8700, -2.7500,
-5.2300

■ 130.7800, 54.3130,
100.5290

■ 250.9840, -3.0710,
-4.9190

■ 116.6920, 60.9130,
113.0810

■ 251.0980, -3.3920,
-4.6080

■ 101.9030, 68.1090,
125.8450

■ 100.7290, 68.6590,
126.8910

Harmonies

Analogous

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



198.3180, -17.6100, 21.7980



203.2090, 19.8460, 36.8220



196.3560, 41.1210, 31.2090

Triad

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



203.2090, 19.8460, 36.8220



194.7580, 46.8150, -16.9370



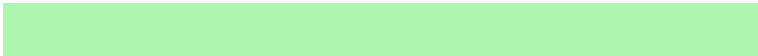
155.1150, -135.0180, -42.0740

Complementary

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



203.2090, 19.8460, 36.8220



215.7910, -19.8460, -36.8220

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.



173.6490, -75.0480, -38.6000



203.2090, 19.8460, 36.8220



190.7430, 15.6400, -30.1520

Square

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



203.2090, 19.8460, 36.8220



196.1380, 61.0250, 0.8730



184.5670, -25.0270, -36.5390



164.8540, -120.4410, -25.4090

Rectangle

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



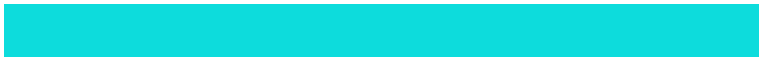
203.2090, 19.8460, 36.8220



193.7510, 49.8340, 21.9780



184.5670, -25.0270, -36.5390



158.1070, -123.3720, -43.8840

Sweetspot

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



203.2090, 19.8460, 36.8220



241.4990, 6.3250, 12.0290



182.0940, -22.7910, 22.0810



119.0810, 4.4460, 7.5340



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.



203.2090, 19.8460, 36.8220



202.6430, 24.7960, 46.2360



199.3330, 30.7600, 26.2480



114.9560, 3.3000, 6.2760



76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Inverse Universe

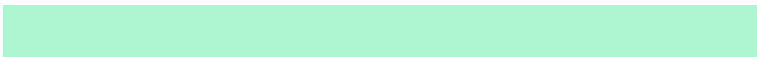
The Inverse Universe completely reimagines the original color for something new.



203.2090, 19.8460, 36.8220



202.6430, 24.7960, 46.2360



219.7810, -31.0810, -25.9370



114.9560, 3.3000, 6.2760



76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Previews

White Background



This preview shows how the YIQ color 203.2090, 19.8460, 36.8220 looks on a white background.

Color Contrast Check

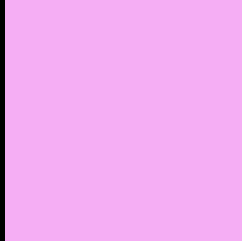
Large Text (above 18pt) WCAG AA × Fail

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 203.2090, 19.8460, 36.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

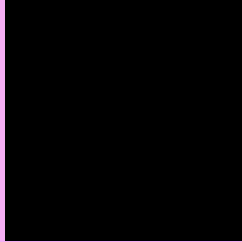
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.2090, 19.8460, 36.8220

Background



This preview shows how black text looks on a background with the YIQ color 203.2090, 19.8460, 36.8220.



This preview shows how white text looks on a background with the YIQ color 203.2090, 19.8460,

36.8220.

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

203.2090, 19.8460, 36.8220

Protanopia

198.5400, -27.2830, 15.3810

Deuteranopia

199.8420, -13.5740, 14.7300



Tritanopia

201.3400, 28.8820, 16.2260

Trichromacy



Original Color

203.2090, 19.8460, 36.8220



Protanomaly

200.2650, -10.0910, 23.1970



Deuteranomaly

201.2290, -1.2420, 22.5180



Tritanomaly

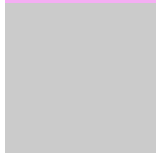
202.1150, 25.4420, 23.5060

Monochromacy



Original Color

203.2090, 19.8460, 36.8220



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

202.7380, 7.1500, 13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.2090, 19.8460, 36.8220 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, 174, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 244)  
}
```

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, 174, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 244) }
```

Border

The CSS property to change the border of an element to YIQ 203.2090, 19.8460, 36.8220 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, 174, 244) }
```


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

```
.border{ border-color:rgb(245, 174, 244) }
```

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

Here you see how a box with a 4 pixel rgb(245, 174, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 203.2090, 19.8460, 36.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 244) }
```

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

```
.background{ background-color: rgb(245,  
174, 244) }
```

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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