

# Converting Colors

YIQ(207.9820, 35.9420, 20.4380)

Have a look what the booklet for  
YIQ(207.9820, 35.9420, 20.4380)  
contains.

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# Color

**YIQ(207.9820, 35.9420,  
20.4380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB9CB
RGB	255, 185, 203
RGB Percent	100%, 73%, 80%
CMY	0.0000, 0.2746, 0.2038
CMYK	0.00, 0.27, 0.20, 0.00
HSL	345°, 100%, 86%
HSV	345°, 27%, 100%
XYZ	69.3662, 60.2590, 64.4956
YIQ	207.9820, 35.9420, 20.4380

# Conversions

## Conversions Part 2

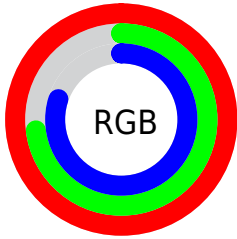
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 185, 203
Decimal	16759243
CIE Lab	81.98, 27.84, 0.96
CIE LCh	82, 27.861, 1.982
Yxy	60.2590, 0.3573, 0.3104
Android (android.graphics.Color)	4294949323 (0xFFFFB9CB)
YUV	207.9820, -2.4561, 41.2348
Hunter-Lab	77.6267, 23.6587, 5.0780

# Details

The YIQ color  $207.9820, 35.9420, 20.4380$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $232.0180, -35.9420, -20.4380$ , and the grayscale version is  $208.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $246.7820, 3.8500, 7.3220$ , and  $152.7860, 33.5580, 19.5900$  is the 20% darker color. If you saturate the color by 10%, you get  $190.5540, 49.1910, 28.1270$ , and if you desaturate by 10%, it is  $224.8230, 22.9680, 13.2720$ .

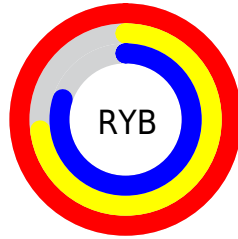
# Distribution



Red (100%)

Green (73%)

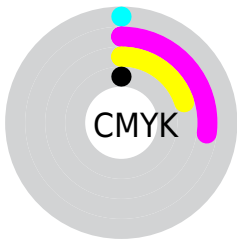
Blue (80%)



Red (100%)

Yellow (73%)

Blue (80%)

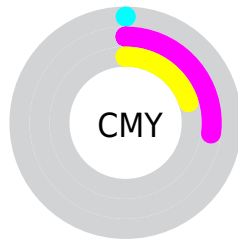


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 207.9820, 35.9420, 20.4380 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 207.9820, 35.9420, 20.4380 by changing the saturation by 10% instead.



 207.9820, 35.9420,  
20.4380

 207.9820, 35.9420,  
20.4380


255.0000, -0.0000,  
-0.0000


 180.3840, 34.7500,  
20.0140


 246.7820, 3.8500,  
7.3220

 152.7860, 33.5580,  
19.5900

 126.7750, 32.0910,  
18.6430

 101.1770, 30.8990,  
18.2190

 76.3940, 28.7900,  
17.8940

 51.9100, 27.2770,  
17.7810

 27.9530, 25.7180,

18.5020

■ 13.5410, 23.7020,  
10.9820

■ 0.0000, 0.0000,  
0.0000

■ 207.9820, 35.9420,  
20.4380

■ 207.9820, 35.9420,  
20.4380

■ 190.5540, 49.1910,  
28.1270

■ 224.8230, 22.9680,  
13.2720

■ 173.7130, 62.1650,  
35.2930

■ 242.2510, 9.7190,  
5.5830

■ 156.2850, 75.4140,  
42.9820

255.0000, -0.0000,  
-0.0000

■ 139.4440, 88.3880,  
50.1480

■ 122.0160,  
101.6370, 57.8370

■ 105.1750,  
114.6110, 65.0030

■ 87.8610, 127.5390,  
73.0030

■ 83.7690, 130.7940,  
74.5860

# Harmonies

## Analogous

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



208.5100, 16.9600, 23.0400



207.9820, 35.9420, 20.4380



206.1920, 43.7380, 11.3060

# Triad

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



207.9820, 35.9420, 20.4380



199.6900, 5.9640, -19.9880



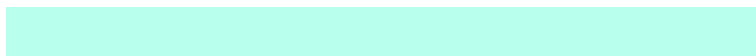
195.8750, -53.8720, -3.8560

# Complementary

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



207.9820, 35.9420, 20.4380



232.0180, -35.9420, -20.4380

# 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.



192.5720, -57.8130, -15.0370



207.9820, 35.9420, 20.4380



195.9350, -19.7110, -22.7430

# Square

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



207.9820, 35.9420, 20.4380



202.5680, 27.0990, -12.0450



193.1850, -43.7820, -21.5260



202.0180, -34.8010, 8.4550



# Rectangle

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



207.9820, 35.9420, 20.4380



205.2640, 43.2350, 3.8990



193.1850, -43.7820, -21.5260



194.3860, -56.9890, -7.9410

# Sweetspot

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



207.9820, 35.9420, 20.4380



241.5500, 10.3150, 5.7950



208.2290, 7.9260, 32.5820



119.2290, 6.7850, 3.6890



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.



207.9820, 35.9420, 20.4380



198.6240, 43.0020, 24.6500



215.3220, 37.3200, 6.4720



119.2290, 6.7850, 3.6890



62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440



# Inverse Universe

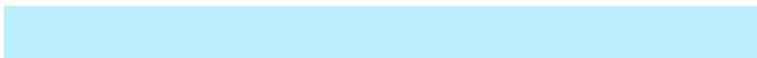
The Inverse Universe completely reimagines the original color for something new.



207.9820, 35.9420, 20.4380



198.6240, 43.0020, 24.6500



224.6780, -37.3200, -6.4720



119.2290, 6.7850, 3.6890



62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440



# Previews

## White Background



This preview shows how the YIQ color 207.9820, 35.9420, 20.4380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

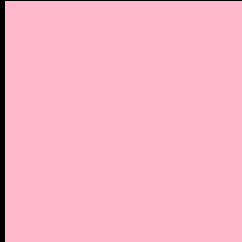
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 207.9820, 35.9420, 20.4380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

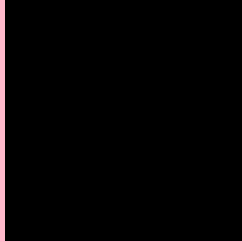
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 207.9820, 35.9420, 20.4380

## Background



This preview shows how black text looks on a background with the YIQ color 207.9820, 35.9420, 20.4380.



This preview shows how white text looks on a background with the YIQ color 207.9820, 35.9420,

20.4380.

# 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

207.9820, 35.9420, 20.4380

### Protanopia

204.8520, -2.3390, 3.8450

### Deuteranopia

206.4150, 15.1290, 6.6570



## Tritanopia

208.2270, 36.6300, 18.9820

# Trichromacy



## Original Color

207.9820, 35.9420, 20.4380

## Protanomaly

205.6690, 11.5980, 10.0780

## Deuteranomaly

206.8830, 22.7390, 11.9150

## Tritanomaly

208.3410, 36.3090, 19.2930

# Monochromacy



## Original Color

207.9820, 35.9420, 20.4380

## Achromatopsia

208.0000, -0.0000, -0.0000

## Achromatomaly

208.1590, 12.9740, 7.1660

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 207.9820, 35.9420, 20.4380 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, 185, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 203)  
}
```

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, 185, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 203) }
```

## Border

The CSS property to change the border of an element to YIQ 207.9820, 35.9420, 20.4380 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".

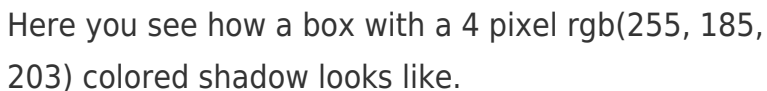
```
.border, #border, table{ border:4px solid rgb(255, 185, 203) }
```



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

```
.border{ border-color:rgb(255, 185, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 185, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 203); box-shadow:4px 4px 4px 4px rgb(255, 185, 203) }
```

# Background

The CSS property to change the background color of an element to YIQ 207.9820, 35.9420, 20.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 203) }
```

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

```
.background{ background-color: rgb(255,  
185, 203) }
```

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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