

Converting Colors

YIQ(199.8270, 35.4810, 34.3050)

Have a look what the booklet for
YIQ(199.8270, 35.4810, 34.3050)
contains.

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Color

**YIQ(199.8270, 35.4810,
34.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8DB
RGB	255, 168, 219
RGB Percent	100%, 66%, 86%
CMY	0.0000, 0.3413, 0.1411
CMYK	0.00, 0.34, 0.14, 0.00
HSL	325°, 100%, 83%
HSV	325°, 34%, 100%
XYZ	68.0255, 54.3676, 73.9443
YIQ	199.8270, 35.4810, 34.3050

Conversions

Conversions Part 2

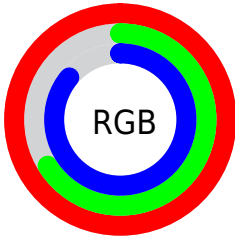
Format	Color
R _Y B	255, 168, 219
Decimal	16754907
CIE Lab	78.68, 39.16, -12.56
CIE LCh	79, 41.129, 342.214
Yxy	54.3676, 0.3465, 0.2769
Android (android.graphics.Color)	4294944987 (0xFFFFA8DB)
YUV	199.8270, 9.4523, 48.3867
Hunter-Lab	73.7344, 35.6443, -7.8447

Details

The YIQ color **199.8270, 35.4810, 34.3050** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **223.1730, -35.4810, -34.3050**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8030, 8.5250, 16.2130**, and **144.5170, 33.4180, 33.1460** is the 20% darker color. If you saturate the color by 10%, you get **183.3110, 46.1620, 44.4820**, and if you desaturate by 10%, it is **215.7560, 25.0750, 24.6510**.

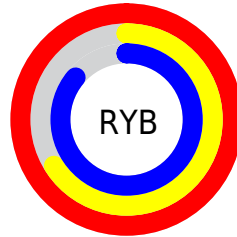
Distribution



Red (100%)

Green (66%)

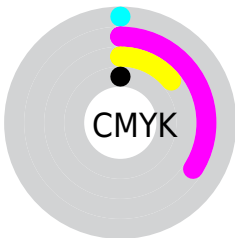
Blue (86%)



Red (100%)

Yellow (66%)

Blue (86%)

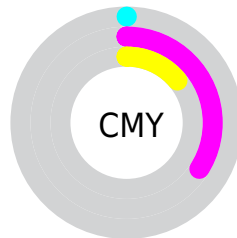


Cyan (0%)

Magenta (34%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.8270, 35.4810, 34.3050 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 199.8270, 35.4810, 34.3050 by changing the saturation by 10% instead.


 199.8270, 35.4810,
34.3050


 199.8270, 35.4810,
34.3050


255.0000, -0.0000,
-0.0000


 172.1150, 34.6100,
33.5700


 236.8030, 8.5250,
16.2130


 144.5170, 33.4180,
33.1460

 253.8260, 0.5500,
1.0460

 118.5060, 31.9510,
32.1990

 91.9080, 30.7590,
31.7750

 66.7230, 29.8420,
31.8740

 38.8910, 29.4290,
33.8530

 23.6250, 24.0660,

26.4180

■ 15.0660, 17.9700,
15.7460

■ 0.0000, 0.0000,
0.0000

■ 199.8270, 35.4810,
34.3050

■ 199.8270, 35.4810,
34.3050

■ 183.3110, 46.1620,
44.4820

■ 215.7560, 25.0750,
24.6510

■ 167.4960, 56.2470,
54.4470

■ 232.1580, 14.7150,
14.1630

■ 150.9800, 66.9280,
64.6240

■ 248.0870, 4.3090,
4.5090

■ 135.1650, 77.0130,
74.5890

■ 255.0000, -0.0000,
-0.0000

■ 118.6490, 87.6940,
84.7660

■ 102.8340, 97.7790,
94.7310

■ 93.3450, 103.8300,
100.7100

Harmonies

Analogous

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



199.2820, 0.4070, 31.1830



199.8270, 35.4810, 34.3050



193.6200, 48.8250, 23.7450

Triad

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



199.8270, 35.4810, 34.3050



190.5000, 29.8060, -22.5620



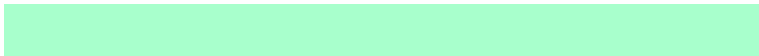
164.3230, -114.5720, -27.1480

Complementary

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



199.8270, 35.4810, 34.3050



223.1730, -35.4810, -34.3050

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.



168.3840, -90.1790, -34.2030



199.8270, 35.4810, 34.3050



185.5650, -4.3500, -31.3100

Square

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



199.8270, 35.4810, 34.3050



194.2630, 53.0030, -7.9330



179.0840, -45.4760, -34.8840



179.3050, -78.6300, -6.7100

Rectangle

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



199.8270, 35.4810, 34.3050



193.2320, 55.4290, 14.1890



179.0840, -45.4760, -34.8840



162.1610, -114.2960, -32.1520

Sweetspot

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



199.8270, 35.4810, 34.3050



239.0710, 10.4060, 9.6540



188.3830, -7.0670, 34.4770



117.8100, 6.6470, 6.1910



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.



199.8270, 35.4810, 34.3050



188.4630, 42.6780, 41.5420



195.0390, 48.9630, 21.2430



119.6850, 5.5010, 4.9330



69.8770, 77.8840, 75.3240



23.3540, 26.2670, 25.0750

Inverse Universe

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



199.8270, 35.4810, 34.3050



188.4630, 42.6780, 41.5420



227.9610, -48.9630, -21.2430



119.6850, 5.5010, 4.9330



69.8770, 77.8840, 75.3240



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 199.8270, 35.4810, 34.3050 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 199.8270, 35.4810, 34.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

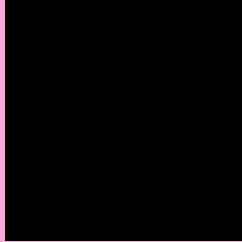
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8270, 35.4810, 34.3050

Background



This preview shows how black text looks on a background with the YIQ color 199.8270, 35.4810, 34.3050.



This preview shows how white text looks on a background with the YIQ color 199.8270, 35.4810,

34.3050.

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

199.8270, 35.4810, 34.3050

Protanopia

195.8090, -17.9750, 11.8890

Deuteranopia

197.3350, 0.9150, 10.9550



Tritanopia

198.5050, 41.7190, 20.3670

Trichromacy



Original Color

199.8270, 35.4810, 34.3050



Protanomaly

197.3170, 1.3260, 20.0300



Deuteranomaly

198.1350, 13.5220, 19.2660



Tritanomaly

198.9980, 39.0130, 25.3570

Monochromacy



Original Color

199.8270, 35.4810, 34.3050



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

199.7340, 12.9730, 12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8270, 35.4810, 34.3050 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, 168, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 219)  
}
```

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, 168, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 219) }
```

Border

The CSS property to change the border of an element to YIQ 199.8270, 35.4810, 34.3050 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, 168, 219) }
```


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

```
.border{ border-color:rgb(255, 168, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8270, 35.4810, 34.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 219) }
```

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

```
.background{ background-color: rgb(255,  
168, 219) }
```

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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