

Converting Colors

YIQ(199.9300, 33.6930, 33.6690)

Have a look what the booklet for
YIQ(199.9300, 33.6930, 33.6690)
contains.

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Color

**YIQ(199.9300, 33.6930,
33.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA9DC
RGB	253, 169, 220
RGB Percent	99%, 66%, 86%
CMY	0.0076, 0.3374, 0.1372
CMYK	0.00, 0.33, 0.13, 0.01
HSL	324°, 96%, 83%
HSV	324°, 33%, 99%
XYZ	67.6324, 54.4252, 74.6673
YIQ	199.9300, 33.6930, 33.6690

Conversions

Conversions Part 2

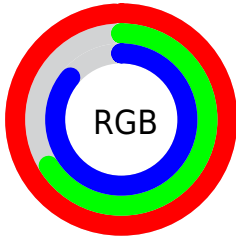
Format	Color
R _Y B	253, 169, 220
Decimal	16624092
CIE Lab	78.71, 38.16, -13.08
CIE LCh	79, 40.334, 341.082
Yxy	54.4252, 0.3438, 0.2767
Android (android.graphics.Color)	4294814172 (0xFFFDA9DC)
YUV	199.9300, 9.8945, 46.5424
Hunter-Lab	73.7734, 34.5379, -8.3670

Details

The YIQ color **199.9300, 33.6930, 33.6690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **222.0700, -33.6930, -33.6690**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.3900, 8.2500, 15.6900**, and **145.2070, 31.3550, 31.9870** is the 20% darker color. If you saturate the color by 10%, you get **184.1150, 43.7780, 43.6340**, and if you desaturate by 10%, it is **215.7450, 23.6080, 23.7040**.

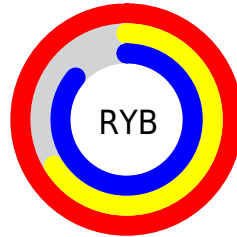
Distribution



Red (99%)

Green (66%)

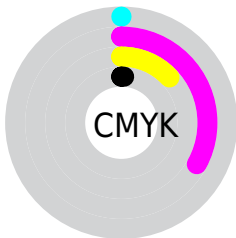
Blue (86%)



Red (99%)

Yellow (66%)

Blue (86%)

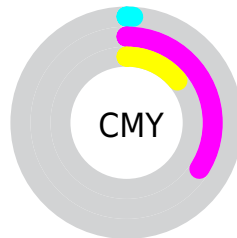


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (34%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9300, 33.6930, 33.6690 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 199.9300, 33.6930, 33.6690 by changing the saturation by 10% instead.

 199.9300, 33.6930,
33.6690


 199.9300, 33.6930,
33.6690


255.0000, -0.0000,
-0.0000


 172.2180, 32.8220,
32.9340


 237.3900, 8.2500,
15.6900


 144.6200, 31.6300,
32.5100

 254.4130, 0.2750,
0.5230

 118.6090, 30.1630,
31.5630

 92.8970, 29.2920,
30.8280

 67.4130, 27.7790,
30.7150

 40.4670, 27.6870,
32.3830

 23.4400, 23.1490,

26.5170

■ 14.8810, 17.0530,
15.8450

■ 0.0000, 0.0000,
0.0000

■ 199.9300, 33.6930,
33.6690

■ 199.9300, 33.6930,
33.6690

■ 184.1150, 43.7780,
43.6340

■ 215.7450, 23.6080,
23.7040

■ 167.7130, 54.1380,
54.1220

■ 232.1470, 13.2480,
13.2160

■ 151.8980, 64.2230,
64.0870

■ 247.9620, 3.1630,
3.2510

■ 136.0830, 74.3080,
74.0520

■ 254.4020, -1.1920,
-0.4240

■ 119.6810, 84.6680,
84.5400

■ 103.8660, 94.7530,
94.5050

■ 93.2030, 101.3540,
101.5300

Harmonies

Analogous

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



199.2710, -1.0600, 30.2360



199.9300, 33.6930, 33.6690



194.4350, 47.9080, 23.8440

Triad

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



199.9300, 33.6930, 33.6690



190.9130, 30.0810, -22.0390



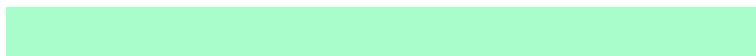
166.7860, -108.5660, -25.8620

Complementary

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



199.9300, 33.6930, 33.6690



222.0700, -33.6930, -33.6690

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.



170.2490, -85.3650, -33.3410



199.9300, 33.6930, 33.6690



186.4620, -2.5620, -30.6740

Square

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



199.9300, 33.6930, 33.6690



193.9040, 52.6360, -6.7880



179.5790, -42.4960, -33.8240



179.6040, -78.0340, -6.4980

Rectangle

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



199.9300, 33.6930, 33.6690



193.4600, 54.7870, 14.8110



179.5790, -42.4960, -33.8240



165.2220, -107.0980, -30.4420

Sweetspot

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



199.9300, 33.6930, 33.6690



239.1850, 10.0850, 9.9650



188.1440, -7.8920, 32.9080



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.



199.9300, 33.6930, 33.6690



190.5660, 40.8900, 40.9060



195.2560, 46.8540, 20.9180



119.6850, 5.5010, 4.9330



70.3330, 76.6000, 76.5680



23.5820, 25.6250, 25.6970

Inverse Universe

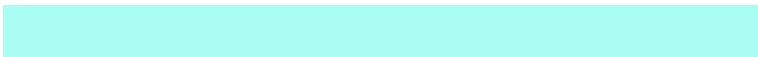
The Inverse Universe completely reimagines the original color for something new.



199.9300, 33.6930, 33.6690



190.5660, 40.8900, 40.9060



226.7440, -46.8540, -20.9180



119.6850, 5.5010, 4.9330



70.3330, 76.6000, 76.5680



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 199.9300, 33.6930, 33.6690 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 199.9300, 33.6930, 33.6690 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 199.9300, 33.6930, 33.6690

Background



This preview shows how black text looks on a background with the YIQ color 199.9300, 33.6930, 33.6690.



This preview shows how white text looks on a background with the YIQ color 199.9300, 33.6930,

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

199.9300, 33.6930, 33.6690

Protanopia

195.8090, -17.9750, 11.8890

Deuteranopia

197.1500, -0.0020, 11.0540



Tritanopia

198.6080, 39.9310, 19.7310

Trichromacy



Original Color

199.9300, 33.6930, 33.6690



Protanomaly

197.0180, 0.7300, 19.8180



Deuteranomaly

197.9500, 12.6050, 19.3650



Tritanomaly

199.1010, 37.2250, 24.7210

Monochromacy



Original Color

199.9300, 33.6930, 33.6690



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.0220, 12.1020, 11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9300, 33.6930, 33.6690 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, 169, 220)` looks like.

```
.text, #text, p{  
    color:rgb(253, 169, 220)  
}
```

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, 169, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 169, 220) }
```

Border

The CSS property to change the border of an element to YIQ 199.9300, 33.6930, 33.6690 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, 169, 220) }
```


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

```
.border{ border-color:rgb(253, 169, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 169, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 169, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 169, 220);  
box-shadow:4px 4px 4px 4px rgb(253, 169,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9300, 33.6930, 33.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 169, 220) }
```

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

```
.background{ background-color: rgb(253,  
169, 220) }
```

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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