

Converting Colors

YIQ(191.7400, 40.3400, 39.8600)

Have a look what the booklet for
YIQ(191.7400, 40.3400, 39.8600)
contains.

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Color

**YIQ(191.7400, 40.3400,
39.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BD7
RGB	255, 155, 215
RGB Percent	100%, 61%, 84%
CMY	0.0000, 0.3923, 0.1567
CMYK	0.00, 0.39, 0.16, 0.00
HSL	324°, 100%, 80%
HSV	324°, 39%, 100%
XYZ	65.2238, 49.5965, 70.4449
YIQ	191.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

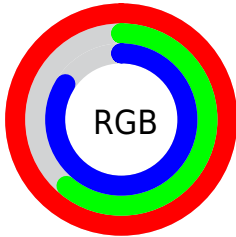
Format	Color
R _Y B	255, 155, 215
Decimal	16751575
CIE Lab	75.82, 45.24, -14.67
CIE LCh	76, 47.559, 342.038
Yxy	49.5965, 0.3521, 0.2677
Android (android.graphics.Color)	4294941655 (0xFFFF9BD7)
YUV	191.7400, 11.4672, 55.4790
Hunter-Lab	70.4248, 42.0741, -10.0096

Details

The YIQ color **191.7400, 40.3400, 39.8600** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.2600, -40.3400, -39.8600**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.1000, 23.0120**, and **136.4300, 38.2770, 38.7010** is the 20% darker color. If you saturate the color by 10%, you get **175.3380, 50.7000, 50.3480**, and if you desaturate by 10%, it is **207.5550, 30.2550, 29.8950**.

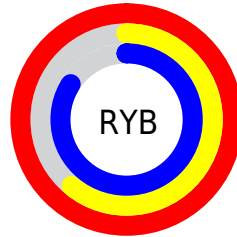
Distribution



Red (100%)

Green (61%)

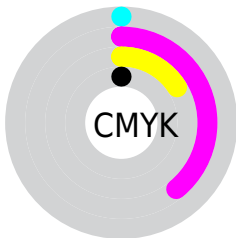
Blue (84%)



Red (100%)

Yellow (61%)

Blue (84%)

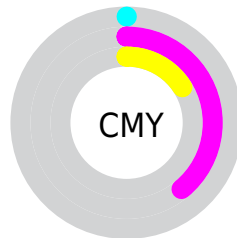


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.7400, 40.3400, 39.8600 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 191.7400, 40.3400, 39.8600 by changing the saturation by 10% instead.

 191.7400, 40.3400,
39.8600


 191.7400, 40.3400,
39.8600


255.0000, -0.0000,
-0.0000


 163.7290, 38.8730,
38.9130


 229.1720, 12.1000,
23.0120


 136.4300, 38.2770,
38.7010

 246.1950, 4.1250,
7.8450

 109.5330, 36.4890,
38.0650

 83.0490, 34.9760,
37.9520

 55.1030, 34.8840,
39.6200

 32.9670, 32.2710,
37.4150

 22.6850, 23.8370,

25.0610

■ 13.4140, 16.8700,
13.6540

■ 0.0000, 0.0000,
0.0000

■ 191.7400, 40.3400,
39.8600

■ 191.7400, 40.3400,
39.8600

■ 175.3380, 50.7000,
50.3480

■ 207.5550, 30.2550,
29.8950

■ 159.5230, 60.7850,
60.3130

■ 223.9570, 19.8950,
19.4070

■ 143.0070, 71.4660,
70.4900

■ 239.8860, 9.4890,
9.7530

■ 127.1920, 81.5510,
80.4550

■ 255.0000, -0.0000,
-0.0000

■ 110.7900, 91.9110,
90.9430

■ 94.9750, 101.9960,
100.9080

■ 93.6870, 102.8670,
101.6430

Harmonies

Analogous

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



191.9170, 0.1770, 35.3530



191.7400, 40.3400, 39.8600



184.3760, 55.5640, 28.2680

Triad

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



191.7400, 40.3400, 39.8600



181.7190, 33.3830, -26.8170



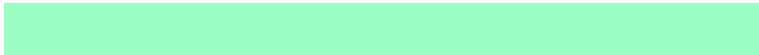
149.3250, -135.2490, -32.3770

Complementary

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



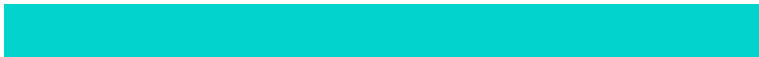
191.7400, 40.3400, 39.8600



218.2600, -40.3400, -39.8600

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.



146.5260, -123.2340, -46.3860



191.7400, 40.3400, 39.8600



176.2180, -4.9910, -36.2150

Square

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



191.7400, 40.3400, 39.8600



185.3300, 60.0640, -9.2480



166.4200, -55.4700, -40.9900



160.2350, -107.9720, -14.5960

Rectangle

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



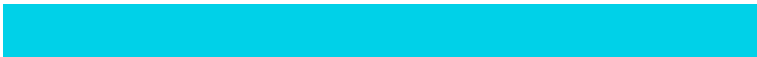
191.7400, 40.3400, 39.8600



184.1190, 63.1770, 16.9450



166.4200, -55.4700, -40.9900



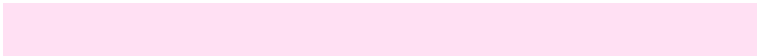
149.1310, -131.9470, -37.1550

Sweetspot

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



191.7400, 40.3400, 39.8600



235.4350, 12.3770, 12.4810



177.7620, -9.4520, 39.1560



116.5220, 7.5180, 6.9260



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.



191.7400, 40.3400, 39.8600



179.0880, 48.4080, 47.8320



186.2680, 55.7480, 24.9320



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Inverse Universe

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



191.7400, 40.3400, 39.8600



179.0880, 48.4080, 47.8320



223.7320, -55.7480, -24.9320



119.6850, 5.5010, 4.9330



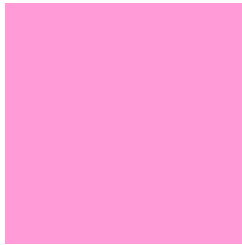
70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 191.7400, 40.3400, 39.8600 looks on a white background.

Color Contrast Check

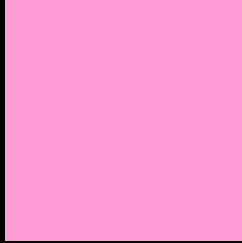
Large Text (above 18pt) WCAG AA × Fail

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 191.7400, 40.3400, 39.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

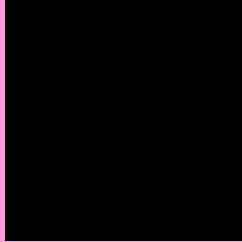
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.7400, 40.3400, 39.8600

Background



This preview shows how black text looks on a background with the YIQ color 191.7400, 40.3400, 39.8600.



This preview shows how white text looks on a background with the YIQ color 191.7400, 40.3400,

39.8600.

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

191.7400, 40.3400, 39.8600

Protanopia

187.8240, -22.3310, 13.7410

Deuteranopia

189.0790, -1.2400, 11.4640



Tritanopia

190.6800, 48.5960, 22.3880

Trichromacy



Original Color

191.7400, 40.3400, 39.8600



Protanomaly

189.1260, 0.5460, 23.1540



Deuteranomaly

190.0150, 13.9800, 21.9800



Tritanomaly

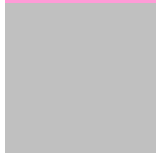
190.9280, 45.2020, 28.8340

Monochromacy



Original Color

191.7400, 40.3400, 39.8600



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

192.1580, 14.7150, 14.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.7400, 40.3400, 39.8600 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, 155, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 215)  
}
```

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, 155, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 215) }
```

Border

The CSS property to change the border of an element to YIQ 191.7400, 40.3400, 39.8600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

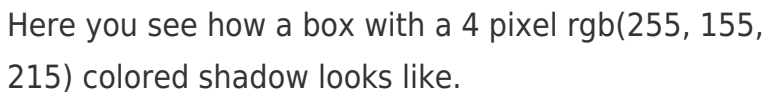
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 155, 215) }
```


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

```
.border{ border-color:rgb(255, 155, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 155, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 215); box-shadow:4px 4px 4px 4px rgb(255, 155, 215) }
```

Background

The CSS property to change the background color of an element to YIQ 191.7400, 40.3400, 39.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 215) }
```

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

```
.background{ background-color: rgb(255,  
155, 215) }
```

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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