

Converting Colors

YIQ(139.7400, 40.3400, 39.8600)

Have a look what the booklet for
YIQ(139.7400, 40.3400, 39.8600)
contains.

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Color

**YIQ(139.7400, 40.3400,
39.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	CB67A3
RGB	203, 103, 163
RGB Percent	80%, 40%, 64%
CMY	0.2036, 0.5962, 0.3607
CMYK	0.00, 0.49, 0.20, 0.20
HSL	324°, 49%, 60%
HSV	324°, 49%, 80%
XYZ	36.1073, 25.0439, 37.5948
YIQ	139.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

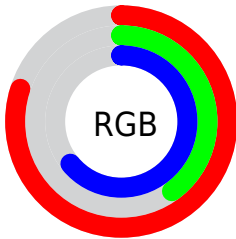
Format	Color
R _Y B	203, 103, 163
Decimal	13330339
CIE Lab	57.12, 46.96, -14.24
CIE LCh	57, 49.070, 343.126
Yxy	25.0439, 0.3657, 0.2536
Android (android.graphics.Color)	4291520419 (0xFFCB67A3)
YUV	139.7400, 11.4672, 55.4790
Hunter-Lab	50.0439, 41.2130, -9.5101

Details

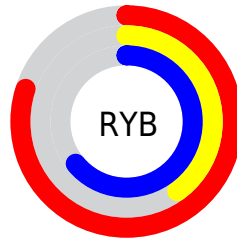
The YIQ color **139.7400, 40.3400, 39.8600** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.2600, -40.3400, -39.8600**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2560, 38.8270, 39.7470**, and **85.6580, 37.6350, 39.3230** is the 20% darker color. If you saturate the color by 10%, you get **127.0880, 48.4080, 47.8320**, and if you desaturate by 10%, it is **152.3920, 32.2720, 31.8880**.

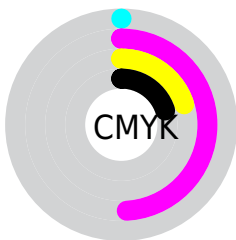
Distribution



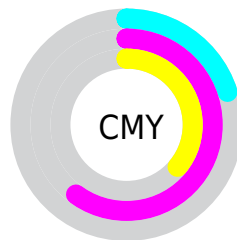
- Red (80%)
- Green (40%)
- Blue (64%)



- Red (80%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.7400, 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 139.7400, 40.3400, 39.8600 by changing the saturation by 10% instead.


 139.7400, 40.3400,
39.8600


 139.7400, 40.3400,
39.8600


255.0000, -0.0000,
-0.0000


 112.8430, 38.5520,
39.2240


 193.2560, 38.8270,
39.7470

 85.6580, 37.6350,
39.3230


 212.8840, 22.1390,
33.8110


 57.8260, 37.2220,
41.3020

 230.3460, 11.5500,
21.9660

 34.6900, 34.6090,
39.0970

 247.3690, 3.5750,
6.7990

 24.4080, 26.1750,
26.7430

 15.2510, 18.8870,
15.6470

 0.0000, 0.0000,

0.0000

■ 139.7400, 40.3400,
39.8600

■ 139.7400, 40.3400,
39.8600

■ 127.0880, 48.4080,
47.8320

■ 152.3920, 32.2720,
31.8880

■ 113.8490, 56.7510,
56.3270

■ 165.6310, 23.9290,
23.3930

■ 101.1970, 64.8190,
64.2990

■ 178.2830, 15.8610,
15.4210

■ 88.5450, 72.8870,
72.2710

■ 191.0490, 7.4720,
7.7600

■ 75.1920, 81.5510,
80.4550

■ 203.7010, -0.5960,
-0.2120

■ 74.6050, 81.8260,
80.9780

■ 216.9400, -8.9390,
-8.7070

■ 229.5920,
-17.0070, -16.6790

■ 236.3740,
-22.3250, -19.4210

■ 237.2860,
-24.8930, -16.9330

Harmonies

Analogous

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



141.1020, 1.0940, 35.2540



139.7400, 40.3400, 39.8600



136.3770, 62.9910, 31.3350

Triad

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



139.7400, 40.3400, 39.8600



130.9960, 31.0450, -28.4990



113.8020, -105.4950, -20.9430

Complementary

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



139.7400, 40.3400, 39.8600



166.2600, -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.



110.4160, -93.2050, -34.4290



139.7400, 40.3400, 39.8600



125.2500, -8.0170, -36.4410

Square

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



139.7400, 40.3400, 39.8600



134.1230, 56.2130, -11.0430



104.8130, -78.8060, -47.5900



111.8420, -110.9990, -9.2950

Rectangle

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



139.7400, 40.3400, 39.8600



135.9240, 68.2200, 19.1640



104.8130, -78.8060, -47.5900



113.0210, -101.9180, -25.1980

Sweetspot

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



139.7400, 40.3400, 39.8600



230.9840, 15.2650, 15.2090



125.7620, -9.4520, 39.1560



113.3590, 9.5350, 8.9190



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.



139.7400, 40.3400, 39.8600



160.1100, 60.5100, 59.7900



134.2680, 55.7480, 24.9320



95.6740, 4.0340, 3.9860



60.9200, 67.1570, 65.9810



13.9840, 15.2650, 15.2090

Inverse Universe

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



139.7400, 40.3400, 39.8600



160.1100, 60.5100, 59.7900



171.7320, -55.7480, -24.9320



95.6740, 4.0340, 3.9860



60.9200, 67.1570, 65.9810



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 139.7400, 40.3400, 39.8600 looks on a white background.

Color Contrast Check

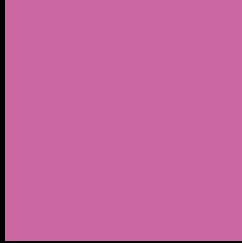
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7400, 40.3400, 39.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

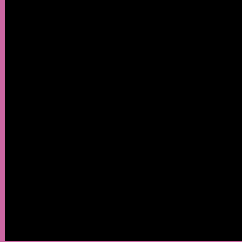
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.7400, 40.3400, 39.8600

Background



This preview shows how black text looks on a background with the YIQ color 139.7400, 40.3400, 39.8600.



This preview shows how white text looks on a background with the YIQ color 139.7400, 40.3400,

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

139.7400, 40.3400, 39.8600

Protanopia

137.8130, -23.7980, 12.7940

Deuteranopia

138.8290, -3.5320, 8.9480



Tritanopia

138.9250, 49.2840, 20.9320

Trichromacy



Original Color

139.7400, 40.3400, 39.8600

Protanomaly

138.5280, -0.6460, 22.7300

Deuteranomaly

139.4770, 12.5590, 20.1990

Tritanomaly

139.2870, 45.5690, 27.6890

Monochromacy



Original Color

139.7400, 40.3400, 39.8600

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1580, 14.7150, 14.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7400, 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(203, 103, 163)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 163)  
}
```

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(203, 103, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 163) }
```

Border

The CSS property to change the border of an element to YIQ 139.7400, 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(203, 103, 163) }
```


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

```
.border{ border-color:rgb(203, 103, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 163);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7400, 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(203, 103, 163) }
```

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

```
.background{ background-color: rgb(203,  
103, 163) }
```

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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