

Converting Colors

YIQ(136.7400, 40.3400, 39.8600)

Have a look what the booklet for
YIQ(136.7400, 40.3400, 39.8600)
contains.

YIQ(136.7400, 40.3400, 39.8600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(136.7400, 40.3400,
39.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	C864A0
RGB	200, 100, 160
RGB Percent	78%, 39%, 63%
CMY	0.2154, 0.6080, 0.3724
CMYK	0.00, 0.50, 0.20, 0.22
HSL	324°, 48%, 59%
HSV	324°, 50%, 78%
XYZ	34.7390, 23.9344, 36.0599
YIQ	136.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

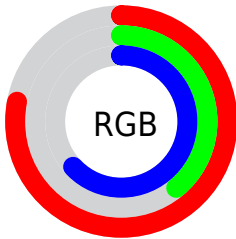
Format	Color
R_{YB}	200, 100, 160
Decimal	13132960
CIE _{Lab}	56.02, 47.05, -14.20
CIE _{LCh}	56, 49.145, 343.209
Yxy	23.9344, 0.3667, 0.2527
Android (android.graphics.Color)	4291323040 (0xFFC864A0)
YUV	136.7400, 11.4672, 55.4790
Hunter-Lab	48.9228, 41.1340, -9.4553

Details

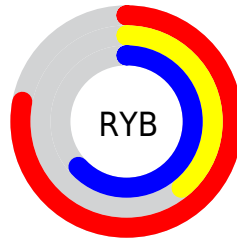
The YIQ color **136.7400, 40.3400, 39.8600** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **163.2600, -40.3400, -39.8600**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1530, 40.6150, 40.3830**, and **82.9570, 38.2310, 39.5350** is the 20% darker color. If you saturate the color by 10%, you get **124.0880, 48.4080, 47.8320**, and if you desaturate by 10%, it is **149.3920, 32.2720, 31.8880**.

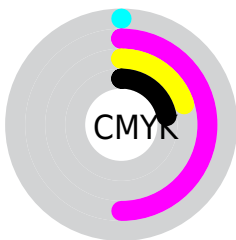
Distribution



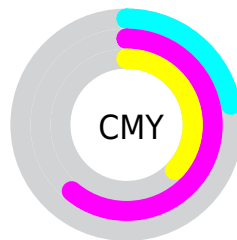
- Red (78%)
- Green (39%)
- Blue (63%)



- Red (78%)
- Yellow (39%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.7400, 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 136.7400, 40.3400, 39.8600 by changing the saturation by 10% instead.


 136.7400, 40.3400,
39.8600


 136.7400, 40.3400,
39.8600


255.0000, -0.0000,
-0.0000


 110.1420, 39.1480,
39.4360


 191.1530, 40.6150,
40.3830


 82.9570, 38.2310,
39.5350


 210.7810, 23.9270,
34.4470


 53.6520, 37.7720,
42.3480

 228.5850, 12.3750,
23.5350

 33.8640, 34.0590,
38.0510

 245.6080, 4.4000,
8.3680

 23.5820, 25.6250,
25.6970

 14.0120, 18.0620,
14.0780

 0.0000, 0.0000,

0.0000

■ 136.7400, 40.3400,
39.8600

■ 136.7400, 40.3400,
39.8600

■ 124.0880, 48.4080,
47.8320

■ 149.3920, 32.2720,
31.8880

■ 111.4360, 56.4760,
55.8040

■ 162.0440, 24.2040,
23.9160

■ 98.7840, 64.5440,
63.7760

■ 174.6960, 16.1360,
15.9440

■ 86.1320, 72.6120,
71.7480

■ 187.3480, 8.0680,
7.9720

■ 73.4800, 80.6800,
79.7200

■ 200.0000, -0.0000,
-0.0000

■ 212.6520, -8.0680,
-7.9720

■ 225.3040,
-16.1360, -15.9440

■ 235.0210,
-22.8290, -21.3010

■ 235.9330,
-25.3970, -18.8130

Harmonies

Analogous

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



138.1020, 1.0940, 35.2540



136.7400, 40.3400, 39.8600



133.9640, 62.7160, 30.8120

Triad

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



136.7400, 40.3400, 39.8600



127.9960, 31.0450, -28.4990



111.6990, -103.7070, -20.3070

Complementary

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



136.7400, 40.3400, 39.8600



163.2600, -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.



108.3130, -91.4170, -33.7930



136.7400, 40.3400, 39.8600



122.2500, -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.



136.7400, 40.3400, 39.8600



131.1230, 56.2130, -11.0430



102.7100, -77.0180, -46.9540



110.3260, -109.4860, -9.1820

Rectangle

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



136.7400, 40.3400, 39.8600



132.6250, 67.6240, 18.9520



102.7100, -77.0180, -46.9540



110.9180, -100.1300, -24.5620

Sweetspot

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



136.7400, 40.3400, 39.8600



230.9840, 15.2650, 15.2090



122.7620, -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.



136.7400, 40.3400, 39.8600



158.2350, 61.6560, 61.0480



131.2680, 55.7480, 24.9320



93.2610, 3.7590, 3.4630



59.9090, 65.6900, 65.0340



13.1580, 14.7150, 14.1630

Inverse Universe

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



136.7400, 40.3400, 39.8600



158.2350, 61.6560, 61.0480



168.7320, -55.7480, -24.9320



93.2610, 3.7590, 3.4630



59.9090, 65.6900, 65.0340



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 136.7400, 40.3400, 39.8600 looks on a white background.

Color Contrast Check

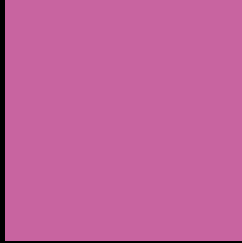
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7400, 40.3400, 39.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

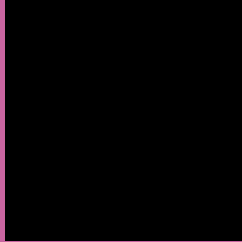
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7400, 40.3400, 39.8600

Background



This preview shows how black text looks on a background with the YIQ color 136.7400, 40.3400, 39.8600.



This preview shows how white text looks on a background with the YIQ color 136.7400, 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

136.7400, 40.3400, 39.8600

Protanopia

134.8130, -23.7980, 12.7940

Deuteranopia

135.8290, -3.5320, 8.9480



Tritanopia

135.9250, 49.2840, 20.9320

Trichromacy



Original Color

136.7400, 40.3400, 39.8600

Protanomaly

135.5280, -0.6460, 22.7300

Deuteranomaly

136.4770, 12.5590, 20.1990

Tritanomaly

136.2870, 45.5690, 27.6890

Monochromacy



Original Color

136.7400, 40.3400, 39.8600

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1580, 14.7150, 14.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7400, 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(200, 100, 160)` looks like.

```
.text, #text, p{  
    color:rgb(200, 100, 160)  
}
```

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(200, 100, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 100, 160) }
```

Border

The CSS property to change the border of an element to YIQ 136.7400, 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(200, 100, 160) }
```


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

```
.border{ border-color:rgb(200, 100, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 100, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 100, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 100, 160);  
box-shadow:4px 4px 4px 4px rgb(200, 100,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7400, 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(200, 100, 160) }
```

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

```
.background{ background-color: rgb(200,  
100, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor