

Converting Colors

YIQ(103.3380, 67.8950, 41.5830)

Have a look what the booklet for
YIQ(103.3380, 67.8950, 41.5830)
contains.

YIQ(103.3380, 67.8950, 41.5830)	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(103.3380, 67.8950,
41.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	C23A63
RGB	194, 58, 99
RGB Percent	76%, 23%, 39%
CMY	0.2389, 0.7727, 0.6115
CMYK	0.00, 0.70, 0.49, 0.24
HSL	342°, 54%, 49%
HSV	342°, 70%, 76%
XYZ	26.0362, 15.4035, 13.4205
YIQ	103.3380, 67.8950, 41.5830

Conversions

Conversions Part 2

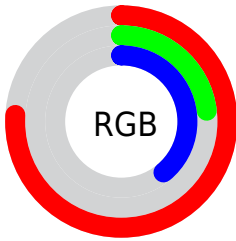
Format	Color
R_{YB}	194, 58, 99
Decimal	12728931
CIE _{Lab}	46.18, 56.70, 7.68
CIE _{LCh}	46, 57.217, 7.711
Yxy	15.4035, 0.4746, 0.2808
Android (android.graphics.Color)	4290919011 (0xFFC23A63)
YUV	103.3380, -2.1386, 79.5106
Hunter-Lab	39.2473, 49.7321, 7.1991

Details

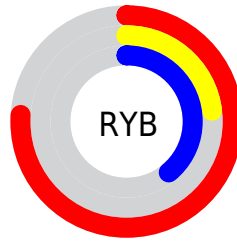
The YIQ color **103.3380, 67.8950, 41.5830** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **148.6620, -67.8950, -41.5830**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2630, 72.4800, 41.0880**, and **46.4070, 63.4470, 45.1030** is the 20% darker color. If you saturate the color by 10%, you get **90.7030, 77.2930, 47.4770**, and if you desaturate by 10%, it is **116.0870, 58.1760, 36.0000**.

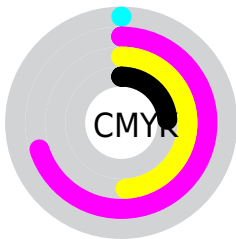
Distribution



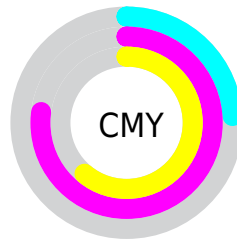
- Red (76%)
- Green (23%)
- Blue (39%)



- Red (76%)
- Yellow (23%)
- Blue (39%)



- Cyan (0%)
- Magenta (70%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (77%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.3380, 67.8950, 41.5830 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 103.3380, 67.8950, 41.5830 by changing the saturation by 10% instead.


 103.3380, 67.8950,
41.5830


 103.3380, 67.8950,
41.5830


255.0000, -0.0000,
-0.0000


 71.6740, 67.0690,
45.5410


 160.2630, 72.4800,
41.0880


 46.4070, 63.4470,
45.1030


 179.6630, 56.4340,
34.5300


 35.3420, 52.9040,
32.4240

 199.2910, 39.7460,
28.5940

 24.2340, 43.9200,
19.0240

 219.5060, 22.7830,
22.1350

 15.1780, 29.1580,
11.2220

 239.1510, 7.4250,
14.1210

 0.0000, 0.0000,
0.0000

■ 103.3380, 67.8950,
41.5830

■ 103.3380, 67.8950,
41.5830

■ 90.7030, 77.2930,
47.4770

■ 116.0870, 58.1760,
36.0000

■ 77.3670, 87.2870,
53.5830

■ 129.3090, 48.5030,
29.5830

■ 64.7320, 96.6850,
59.4770

■ 142.0580, 38.7840,
24.0000

■ 155.2800, 29.1110,
17.5830

■ 168.0290, 19.3920,
12.0000

■ 180.6640, 9.9940,
6.1060

■ 194.0000, -0.0000,
0.0000

■ 206.6350, -9.3980,

-5.8940

■ 219.9710,
-19.3920, -12.0000

Harmonies

Analogous

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



109.2980, 39.0090, 47.4650



103.3380, 67.8950, 41.5830



104.2190, 74.6390, 18.4710

Triad

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



103.3380, 67.8950, 41.5830



95.3400, 0.2370, -42.8590



95.3600, -97.6580, -3.2740

Complementary

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



103.3380, 67.8950, 41.5830



148.6620, -67.8950, -41.5830

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.



95.3480, -89.3570, -16.0530



103.3380, 67.8950, 41.5830



83.8170, -58.2660, -45.3860

Square

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



103.3380, 67.8950, 41.5830



101.0370, 40.9950, -32.6130



90.6910, -74.8660, -30.8820



88.5270, -96.3300, 5.7020

Rectangle

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



103.3380, 67.8950, 41.5830



104.3470, 70.5620, -1.2620



90.6910, -74.8660, -30.8820



96.2090, -95.9150, -7.3310

Sweetspot

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



103.3380, 67.8950, 41.5830



216.6710, 26.4520, 16.2120



101.3110, 11.7720, 62.0120



106.5940, 16.1830, 9.5830



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.



103.3380, 67.8950, 41.5830



110.6840, 105.8080, 64.8480



113.3390, 74.1810, 15.7570



90.3320, 4.9970, 3.0530



53.7250, 80.2270, 49.3710



11.0070, 16.4580, 10.1060

Inverse Universe

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



103.3380, 67.8950, 41.5830



110.6840, 105.8080, 64.8480



138.6610, -74.1810, -15.7570



90.3320, 4.9970, 3.0530



53.7250, 80.2270, 49.3710



11.0070, 16.4580, 10.1060

Previews

White Background



This preview shows how the YIQ color 103.3380, 67.8950, 41.5830 looks on a white background.

Color Contrast Check

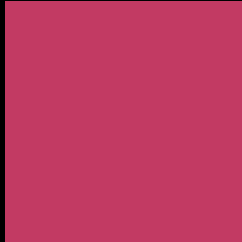
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 103.3380, 67.8950, 41.5830 looks on a black 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

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

YIQ 103.3380, 67.8950, 41.5830

Background



This preview shows how black text looks on a background with the YIQ color 103.3380, 67.8950, 41.5830.



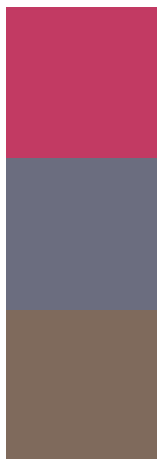
This preview shows how white text looks on a background with the YIQ color 103.3380, 67.8950,

41.5830.

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

103.3380, 67.8950, 41.5830

Protanopia

110.4540, -6.9700, 5.1740

Deuteranopia

110.6830, 17.0100, 0.0980



Tritanopia

103.3150, 74.7290, 27.8570

Trichromacy



Original Color

103.3380, 67.8950, 41.5830

Protanomaly

107.7290, 20.5370, 18.7850

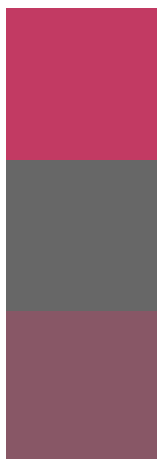
Deuteranomaly

108.2220, 35.0260, 15.0100

Tritanomaly

103.1070, 72.6190, 33.0590

Monochromacy



Original Color

103.3380, 67.8950, 41.5830

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3610, 24.3890, 15.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.3380, 67.8950, 41.5830 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(194, 58, 99)` looks like.

```
.text, #text, p{  
    color:rgb(194, 58, 99)  
}
```

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(194, 58, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 58, 99) }
```

Border

The CSS property to change the border of an element to YIQ 103.3380, 67.8950, 41.5830 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(194, 58, 99) }
```


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

```
.border{ border-color:rgb(194, 58, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 58, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 58, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 58, 99);  
box-shadow:4px 4px 4px 4px rgb(194, 58,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 103.3380, 67.8950, 41.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 58, 99) }
```

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

```
.background{ background-color: rgb(194, 58,  
99) }
```

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