

Converting Colors

YIQ(113.8850, 38.7340, 46.9420)

Have a look what the booklet for
YIQ(113.8850, 38.7340, 46.9420)
contains.

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Color

**YIQ(113.8850, 38.7340,
46.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	B44997
RGB	180, 73, 151
RGB Percent	71%, 29%, 59%
CMY	0.2938, 0.7139, 0.4077
CMYK	0.00, 0.59, 0.16, 0.29
HSL	316°, 42%, 50%
HSV	316°, 59%, 71%
XYZ	26.8078, 16.7069, 31.1001
YIQ	113.8850, 38.7340, 46.9420

Conversions

Conversions Part 2

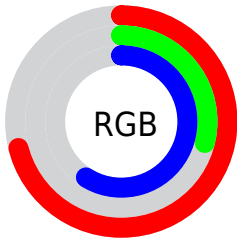
Format	Color
RYB	180, 73, 151
Decimal	11815319
CIELab	47.89, 52.52, -21.56
CIElCh	48, 56.774, 337.681
Yxy	16.7069, 0.3593, 0.2239
Android (android.graphics.Color)	4290005399 (0xFFB44997)
YUV	113.8850, 18.2977, 57.9829
Hunter-Lab	40.8741, 45.5420, -16.5005

Details

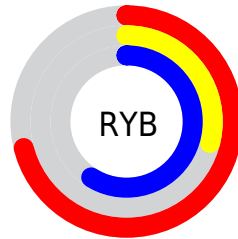
The YIQ color **113.8850, 38.7340, 46.9420** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **139.1150, -38.7340, -46.9420**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0810, 41.1180, 47.7900**, and **53.7590, 39.3290, 52.6810** is the 20% darker color. If you saturate the color by 10%, you get **102.7490, 45.2890, 54.8010**, and if you desaturate by 10%, it is **125.0210, 32.1790, 39.0830**.

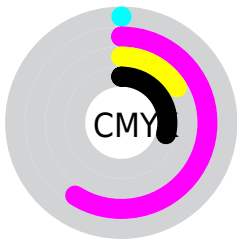
Distribution



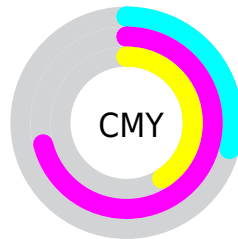
- Red (71%)
- Green (29%)
- Blue (59%)



- Red (71%)
- Yellow (29%)
- Blue (59%)



- Cyan (0%)
- Magenta (59%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.8850, 38.7340, 46.9420 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 113.8850, 38.7340, 46.9420 by changing the saturation by 10% instead.


 113.8850, 38.7340,
46.9420


 113.8850, 38.7340,
46.9420


255.0000, -0.0000,
-0.0000


 86.1130, 38.0920,
47.5640


 169.0810, 41.1180,
47.7900


 53.7590, 39.3290,
52.6810


 193.3190, 34.5160,
46.2920


 37.6670, 33.4160,
44.2000


 212.1490, 20.0750,
38.1790

 27.2710, 25.3030,
31.5350

 229.1720, 12.1000,
23.0120

 17.7010, 17.7400,
19.9160

 246.1950, 4.1250,
7.8450

 0.2280, -0.6420,
0.6220

 0.0000, 0.0000,

0.0000

■ 113.8850, 38.7340,
46.9420

■ 113.8850, 38.7340,
46.9420

■ 102.7490, 45.2890,
54.8010

■ 125.0210, 32.1790,
39.0830

■ 91.6130, 51.8440,
62.6600

■ 136.1570, 25.6240,
31.2240

■ 80.4770, 58.3990,
70.5190

■ 147.2930, 19.0690,
23.3650

■ 69.3410, 64.9540,
78.3780

■ 158.4290, 12.5140,
15.5060

■ 68.7540, 65.2290,
78.9010

■ 169.4510, 6.2800,
7.3360

■ 180.5870, -0.2750,
-0.5230

■ 191.7230, -6.8300,
-8.3820

■ 202.8590,
-13.3850, -16.2410

■ 213.9950,
-19.9400, -24.1000

Harmonies

Analogous

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



116.2950, -9.6350, 36.9650



113.8850, 38.7340, 46.9420



108.8110, 67.9410, 40.7490

Triad

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



113.8850, 38.7340, 46.9420



104.8800, 42.8750, -33.6450



98.7390, -92.0160, -17.4240

Complementary

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



113.8850, 38.7340, 46.9420



139.1150, -38.7340, -46.9420

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.



94.0820, -77.5250, -32.2530



113.8850, 38.7340, 46.9420



99.8670, 0.1910, -42.0250

Square

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



113.8850, 38.7340, 46.9420



108.4570, 66.8960, -11.9200



86.6210, -60.6500, -46.2340



98.1640, -100.0420, -4.1220

Rectangle

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



113.8850, 38.7340, 46.9420



108.4890, 74.1790, 26.8110



86.6210, -60.6500, -46.2340



97.1430, -87.5220, -21.7780

Sweetspot

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



113.8850, 38.7340, 46.9420



208.3910, 15.6770, 18.7570



93.8690, -17.0630, 39.4250



100.9400, 9.3970, 11.4210



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.8850, 38.7340, 46.9420



131.7270, 60.6910, 73.0350



107.8430, 55.7470, 30.4590



83.4890, 3.1170, 4.0850



58.5150, 55.2360, 67.2680



9.9400, 9.3970, 11.4210

Inverse Universe

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



113.8850, 38.7340, 46.9420



131.7270, 60.6910, 73.0350



145.1570, -55.7470, -30.4590



83.4890, 3.1170, 4.0850



58.5150, 55.2360, 67.2680



9.9400, 9.3970, 11.4210

Previews

White Background



This preview shows how the YIQ color 113.8850, 38.7340, 46.9420 looks on a white background.

Color Contrast Check

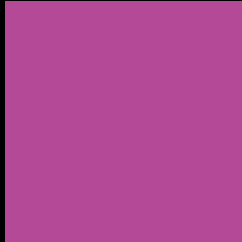
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8850, 38.7340, 46.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

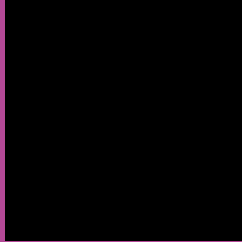
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.8850, 38.7340, 46.9420

Background



This preview shows how black text looks on a background with the YIQ color 113.8850, 38.7340, 46.9420.



This preview shows how white text looks on a background with the YIQ color 113.8850, 38.7340,

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

113.8850, 38.7340, 46.9420

Protanopia

112.8040, -36.7740, 16.6820

Deuteranopia

114.8650, -12.3810, 9.6270



Tritanopia

113.6970, 49.9260, 20.3100

Trichromacy



Original Color

113.8850, 38.7340, 46.9420

Protanomaly

113.1990, -9.7250, 27.5790

Deuteranomaly

114.6490, 6.3230, 23.0830

Tritanomaly

113.7540, 45.7520, 29.8800

Monochromacy



Original Color

113.8850, 38.7340, 46.9420

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8530, 14.2560, 16.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.8850, 38.7340, 46.9420 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(180, 73, 151)` looks like.

```
.text, #text, p{  
  color:rgb(180, 73, 151)  
}
```

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(180, 73, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 73, 151) }
```

Border

The CSS property to change the border of an element to YIQ 113.8850, 38.7340, 46.9420 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(180, 73, 151) }
```


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

```
.border{ border-color:rgb(180, 73, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 73, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 73, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 73, 151);  
box-shadow:4px 4px 4px 4px rgb(180, 73,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 113.8850, 38.7340, 46.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 73, 151) }
```

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

```
.background{ background-color: rgb(180, 73,  
151) }
```

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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