

Converting Colors

YIQ(115.8040, 34.2880, 39.4080)

Have a look what the booklet for
YIQ(115.8040, 34.2880, 39.4080)
contains.

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Color

**YIQ(115.8040, 34.2880,
39.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5191
RGB	173, 81, 145
RGB Percent	68%, 32%, 57%
CMY	0.3213, 0.6825, 0.4313
CMYK	0.00, 0.53, 0.16, 0.32
HSL	318°, 36%, 50%
HSV	318°, 53%, 68%
XYZ	25.3003, 16.8159, 28.7093
YIQ	115.8040, 34.2880, 39.4080

Conversions

Conversions Part 2

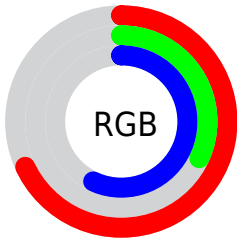
Format	Color
R _{YB}	173, 81, 145
Decimal	11358609
CIE _{Lab}	48.03, 45.66, -17.86
CIE _{LCh}	48, 49.025, 338.640
Y _{xy}	16.8159, 0.3572, 0.2374
Android (android.graphics.Color)	4289548689 (0xFFAD5191)
Y _{UV}	115.8040, 14.3936, 50.1609
Hunter-Lab	41.0072, 38.3668, -12.8041

Details

The YIQ color **115.8040, 34.2880, 39.4080** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.1960, -34.2880, -39.4080**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1140, 36.3510, 40.5670**, and **61.8470, 32.7290, 40.1290** is the 20% darker color. If you saturate the color by 10%, you get **105.2550, 40.5680, 46.7440**, and if you desaturate by 10%, it is **126.3530, 28.0080, 32.0720**.

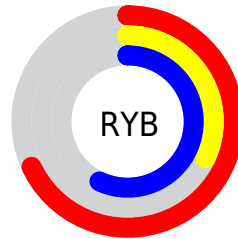
Distribution



Red (68%)

Green (32%)

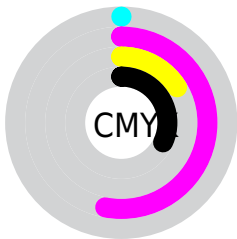
Blue (57%)



Red (68%)

Yellow (32%)

Blue (57%)

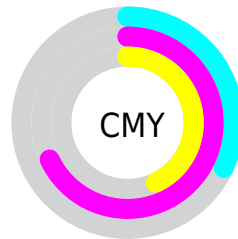


Cyan (0%)

Magenta (53%)

Yellow (16%)

Black (32%)



Cyan (32%)

Magenta (68%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8040, 34.2880, 39.4080 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 115.8040, 34.2880, 39.4080 by changing the saturation by 10% instead.

115.8040, 34.2880,
39.4080

115.8040, 34.2880,
39.4080

255.0000, -0.0000,
-0.0000

89.2060, 33.0960,
38.9840

170.1140, 36.3510,
40.5670

61.8470, 32.7290,
40.1290

196.6300, 34.8380,
40.4540

35.6020, 32.0410,
41.5850

216.2580, 18.1500,
34.5180

25.2060, 23.9280,
28.9200

232.6940, 10.4500,
19.8740

15.9350, 16.9610,
17.5130

249.7170, 2.4750,
4.7070

0.0000, 0.0000,
0.0000

115.8040, 34.2880,
39.4080

115.8040, 34.2880,
39.4080

105.2550, 40.5680,
46.7440

126.3530, 28.0080,
32.0720

94.0050, 47.4440,
54.2920

137.6030, 21.1320,
24.5240

83.4560, 53.7240,
61.6280

148.1520, 14.8520,
17.1880

72.9070, 60.0040,
68.9640

158.7010, 8.5720,
9.8520

65.4070, 64.5880,
73.9960


169.2500, 2.2920,
2.5160

180.5000, -4.5840,
-5.0320

191.0490,
-10.8640, -12.3680

201.5980,

-17.1440, -19.7040

 212.7340,
-23.6990, -27.5630

Harmonies

Analogous

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



117.1010, -6.3330, 32.1870



115.8040, 34.2880, 39.4080



112.3920, 58.6350, 33.1870

Triad

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



115.8040, 34.2880, 39.4080



107.6760, 34.9420, -27.5380



96.2940, -89.2650, -17.7210

Complementary

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



115.8040, 34.2880, 39.4080



138.1960, -34.2880, -39.4080

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.



92.9080, -76.9750, -31.2070



115.8040, 34.2880, 39.4080



103.0120, -1.4150, -34.9430

Square

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



115.8040, 34.2880, 39.4080



110.5900, 56.3960, -8.8520



86.8320, -62.6220, -43.5340



95.7360, -95.9610, -6.4970

Rectangle

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



115.8040, 34.2880, 39.4080



111.6510, 64.7350, 21.7510



86.8320, -62.6220, -43.5340



95.5130, -85.6880, -21.9760

Sweetspot

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



115.8040, 34.2880, 39.4080



201.6140, 13.4310, 15.4070



99.8600, -12.8440, 34.5480



98.9890, 7.7010, 9.1170



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



115.8040, 34.2880, 39.4080



135.1570, 53.1280, 61.4160



110.5600, 49.0540, 25.1020



81.3750, 3.4380, 3.7740



56.8200, 55.6950, 64.4550



8.7010, 8.5720, 9.8520

Inverse Universe

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



115.8040, 34.2880, 39.4080



135.1570, 53.1280, 61.4160



143.4400, -49.0540, -25.1020



81.3750, 3.4380, 3.7740



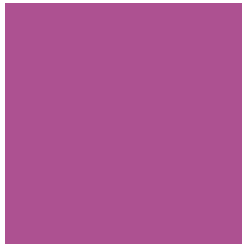
56.8200, 55.6950, 64.4550



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 115.8040, 34.2880, 39.4080 looks on a white background.

Color Contrast Check

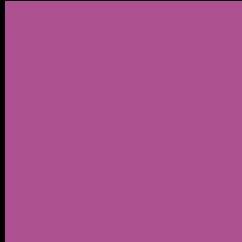
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8040, 34.2880, 39.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

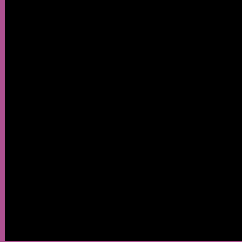
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.8040, 34.2880, 39.4080

Background



This preview shows how black text looks on a background with the YIQ color 115.8040, 34.2880, 39.4080.



This preview shows how white text looks on a background with the YIQ color 115.8040, 34.2880,

39.4080.

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

115.8040, 34.2880, 39.4080

Protanopia

114.3010, -28.1080, 13.8120

Deuteranopia

115.4910, -8.3920, 8.9200



Tritanopia

115.4080, 43.3700, 17.9780

Trichromacy



Original Color

115.8040, 34.2880, 39.4080

Protanomaly

114.6030, -5.2310, 23.2250

Deuteranomaly

115.8400, 7.1030, 19.9590

Tritanomaly

115.5960, 40.2050, 25.7810

Monochromacy



Original Color

115.8040, 34.2880, 39.4080

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9020, 12.5600, 14.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8040, 34.2880, 39.4080 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(173, 81, 145)` looks like.

```
.text, #text, p{  
    color:rgb(173, 81, 145)  
}
```

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(173, 81, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 81, 145) }
```

Border

The CSS property to change the border of an element to YIQ 115.8040, 34.2880, 39.4080 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(173, 81, 145) }
```


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

```
.border{ border-color:rgb(173, 81, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 81, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 81, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 81, 145);  
box-shadow:4px 4px 4px 4px rgb(173, 81,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8040, 34.2880, 39.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 81, 145) }
```

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

```
.background{ background-color: rgb(173, 81,  
145) }
```

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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