

Converting Colors

YIQ(139.2900, 15.1240, 34.2920)

Have a look what the booklet for
YIQ(139.2900, 15.1240, 34.2920)
contains.

YIQ(139.2900, 15.1240, 34.2920)	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(139.2900, 15.1240,
34.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	AF71B5
RGB	175, 113, 181
RGB Percent	69%, 44%, 71%
CMY	0.3135, 0.5569, 0.2902
CMYK	0.03, 0.38, 0.00, 0.29
HSL	295°, 31%, 58%
HSV	295°, 38%, 71%
XYZ	31.9330, 24.2603, 46.7167
YIQ	139.2900, 15.1240, 34.2920

Conversions

Conversions Part 2

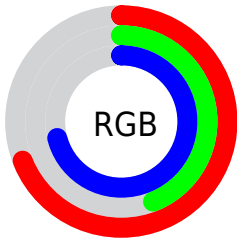
Format	Color
R_{YB}	175, 113, 181
Decimal	11497909
CIE _{Lab}	56.35, 35.75, -26.11
CIE _{LCh}	56, 44.269, 323.858
Yxy	24.2603, 0.3103, 0.2357
Android (android.graphics.Color)	4289687989 (0xFFAF71B5)
YUV	139.2900, 20.5630, 31.3177
Hunter-Lab	49.2548, 29.5298, -21.7565

Details

The YIQ color **139.2900, 15.1240, 34.2920** is a light color, and the websafe version is hex **996699**. A complement of this color would be **154.7100, -15.1240, -34.2920**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8280, 16.5450, 36.0730**, and **87.7520, 13.7030, 32.5110** is the 20% darker color. If you saturate the color by 10%, you get **128.1260, 18.8820, 43.2820**, and if you desaturate by 10%, it is **150.4540, 11.3660, 25.3020**.

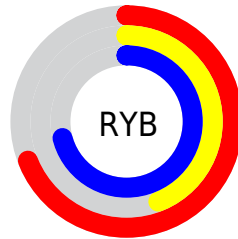
Distribution



Red (69%)

Green (44%)

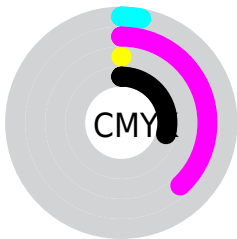
Blue (71%)



Red (69%)

Yellow (44%)

Blue (71%)

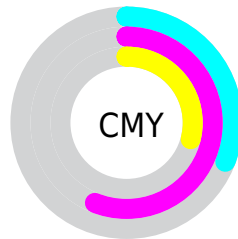


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.2900, 15.1240, 34.2920 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 139.2900, 15.1240, 34.2920 by changing the saturation by 10% instead.

139.2900, 15.1240,
34.2920

139.2900, 15.1240,
34.2920

255.0000, -0.0000,
-0.0000

113.4640, 14.5740,
33.2460

193.8280, 16.5450,
36.0730

87.7520, 13.7030,
32.5110

218.6060, 17.0500,
32.4260

63.0400, 12.8320,
31.7760

235.6290, 9.0750,
17.2590

37.4530, 13.1070,
32.2990

252.6520, 1.1000,
2.0920

20.0240, 9.7610,
26.8570

10.6390, 3.1150,
15.1390

0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 139.2900, 15.1240,
34.2920

■ 139.2900, 15.1240,
34.2920

■ 128.1260, 18.8820,
43.2820

■ 150.4540, 11.3660,
25.3020

■ 117.2610, 23.2360,
52.4840

■ 161.3190, 7.0120,
16.1000

■ 106.0970, 26.9940,
61.4740

■ 172.4830, 3.2540,
7.1100

■ 95.2320, 31.3480,
70.6760

■ 183.3480, -1.1000,
-2.0920

■ 83.4810, 35.3810,
80.1890

■ 194.5120, -4.8580,
-11.0820

72.6160, 39.7350,
89.3910

206.2630, -8.8910,
-20.5950

69.9690, 40.2390,
91.2710

217.1280,
-13.2450, -29.7970

226.5310,
-16.1780, -37.2180

226.8300,
-15.5820, -37.0060

Harmonies

Analogous

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



135.9950, -26.8260, 23.6220



139.2900, 15.1240, 34.2920



137.3890, 45.5220, 34.0500

Triad

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



139.2900, 15.1240, 34.2920



131.7300, 44.0180, -15.8060



109.2080, -95.3150, -29.2270

Complementary

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



139.2900, 15.1240, 34.2920



154.7100, -15.1240, -34.2920

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.



104.7620, -82.7960, -41.3560



139.2900, 15.1240, 34.2920



128.2810, 17.0610, -28.3710

Square

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



139.2900, 15.1240, 34.2920



134.2350, 59.3740, 3.2620



122.0020, -21.8180, -34.1220



110.3940, -104.1660, -17.4940

Rectangle

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



139.2900, 15.1240, 34.2920



135.9200, 56.8480, 27.0240



122.0020, -21.8180, -34.1220



108.3130, -91.4170, -33.7930

Sweetspot

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



139.2900, 15.1240, 34.2920



218.8410, 5.3620, 12.9620



124.8610, -23.7530, 17.4870



107.8960, 3.5290, 7.6330



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.



139.2900, 15.1240, 34.2920



169.7880, 23.1900, 53.3180



138.0060, 27.3670, 27.1670



83.4180, 1.8790, 4.4950



59.3020, 34.3270, 77.2630



9.8410, 5.3620, 12.9620

Inverse Universe

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



134.0160, 38.6020, 16.2820



161.7200, 60.2870, 25.2710



155.9940, -27.3670, -27.1670



82.8050, 5.0430, 2.2190



47.2290, 87.0150, 36.4790



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 139.2900, 15.1240, 34.2920 looks on a white background.

Color Contrast Check

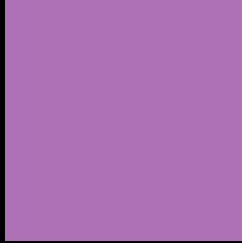
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.2900, 15.1240, 34.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

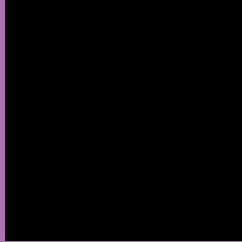
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.2900, 15.1240, 34.2920

Background



This preview shows how black text looks on a background with the YIQ color 139.2900, 15.1240, 34.2920.



This preview shows how white text looks on a background with the YIQ color 139.2900, 15.1240,

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

139.2900, 15.1240, 34.2920

Protanopia

134.9140, -31.2720, 16.0880

Deuteranopia

135.9230, -18.2960, 12.2000



Tritanopia

137.5950, 23.6100, 12.6500

Trichromacy



Original Color

139.2900, 15.1240, 34.2920

Protanomaly

136.6990, -14.3090, 22.5470

Deuteranomaly

137.3100, -5.9640, 19.9880

Tritanomaly

138.0820, 21.0410, 20.6650

Monochromacy



Original Color

139.2900, 15.1240, 34.2920

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.3140, 5.4080, 12.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.2900, 15.1240, 34.2920 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(175, 113, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 113, 181)  
}
```

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(175, 113, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 113, 181) }
```

Border

The CSS property to change the border of an element to YIQ 139.2900, 15.1240, 34.2920 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(175, 113, 181) }
```


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

```
.border{ border-color:rgb(175, 113, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 113, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 113, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 113, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 113,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 139.2900, 15.1240, 34.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 113, 181) }
```

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

```
.background{ background-color: rgb(175,  
113, 181) }
```

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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