

Converting Colors

YIQ(117.6280, 29.1520, 44.3840)

Have a look what the booklet for
YIQ(117.6280, 29.1520, 44.3840)
contains.

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Color

**YIQ(117.6280, 29.1520,
44.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	AD51A1
RGB	173, 81, 161
RGB Percent	68%, 32%, 63%
CMY	0.3213, 0.6825, 0.3686
CMYK	0.00, 0.53, 0.07, 0.32
HSL	308°, 36%, 50%
HSV	308°, 53%, 68%
XYZ	26.6225, 17.3449, 35.6693
YIQ	117.6280, 29.1520, 44.3840

Conversions

Conversions Part 2

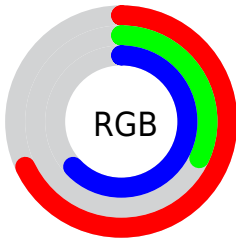
Format	Color
R_{YB}	173, 81, 161
Decimal	11358625
CIE _{Lab}	48.69, 48.30, -26.33
CIE _{LCh}	49, 55.014, 331.401
Yxy	17.3449, 0.3343, 0.2178
Android (android.graphics.Color)	4289548705 (0xFFAD51A1)
YUV	117.6280, 21.3824, 48.5612
Hunter-Lab	41.6472, 41.2217, -21.6267

Details

The YIQ color **117.6280, 29.1520, 44.3840** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.3720, -29.1520, -44.3840**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0520, 30.8940, 45.8540**, and **62.9700, 28.1890, 45.3170** is the 20% darker color. If you saturate the color by 10%, you get **107.4210, 34.4690, 52.6530**, and if you desaturate by 10%, it is **127.8350, 23.8350, 36.1150**.

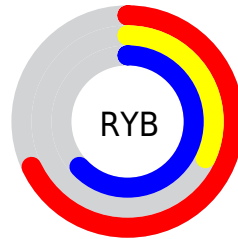
Distribution



Red (68%)

Green (32%)

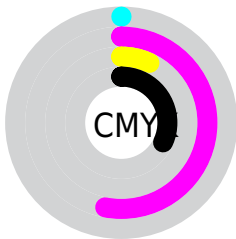
Blue (63%)



Red (68%)

Yellow (32%)

Blue (63%)

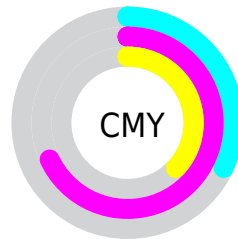


Cyan (0%)

Magenta (53%)

Yellow (7%)

Black (32%)



Cyan (32%)

Magenta (68%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.6280, 29.1520, 44.3840 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 117.6280, 29.1520, 44.3840 by changing the saturation by 10% instead.

■ 117.6280, 29.1520,
44.3840

■ 117.6280, 29.1520,
44.3840

■ 255.0000, -0.0000,
-0.0000

■ 91.0300, 27.9600,
43.9600

■ 172.0520, 30.8940,
45.8540

■ 62.9700, 28.1890,
45.3170

■ 198.6820, 29.0600,
46.0520

■ 37.1980, 27.5470,
45.9390

■ 216.2580, 18.1500,
34.5180

■ 26.6880, 19.7550,
32.9630

■ 233.2810, 10.1750,
19.3510

■ 17.6020, 13.7050,
21.4570

■ 250.3040, 2.2000,
4.1840

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,

0.0000

■ 117.6280, 29.1520,
44.3840

■ 117.6280, 29.1520,
44.3840

■ 107.4210, 34.4690,
52.6530

■ 127.8350, 23.8350,
36.1150

■ 96.5130, 40.3820,
61.1340

■ 138.7430, 17.9220,
27.6340

■ 86.3060, 45.6990,
69.4030

■ 148.9500, 12.6050,
19.3650

■ 76.0990, 51.0160,
77.6720

■ 159.1570, 7.2880,
11.0960

■ 68.8270, 54.9580,
83.3260

■ 169.9510, 1.6960,
2.3040

■ 180.2720, -3.9420,
-5.6540

■ 190.4790, -9.2590,
-13.9230

■ 200.6860,
-14.5760, -22.1920

■ 211.4800,
-20.1680, -30.9840

Harmonies

Analogous

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



117.5000, -20.6380, 32.6260



117.6280, 29.1520, 44.3840



112.5160, 61.5220, 41.4420

Triad

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



117.6280, 29.1520, 44.3840



107.5820, 49.7060, -30.7900



99.0010, -89.9980, -20.9580

Complementary

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



117.6280, 29.1520, 44.3840



136.3720, -29.1520, -44.3840

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.



93.7570, -75.2320, -35.2640



117.6280, 29.1520, 44.3840



104.0100, 10.0940, -39.7780

Square

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



117.6280, 29.1520, 44.3840



111.4990, 67.0780, -4.2020



86.5240, -58.9990, -48.6230



99.9420, -99.5370, -7.7690

Rectangle

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



117.6280, 29.1520, 44.3840



111.1560, 70.9230, 30.7550



86.5240, -58.9990, -48.6230



97.2910, -85.1830, -25.6230

Sweetspot

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



117.6280, 29.1520, 44.3840



202.4120, 11.1840, 17.5840



94.7770, -22.9760, 30.9440



99.3310, 6.7380, 10.0500



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.



117.6280, 29.1520, 44.3840



138.0070, 45.1030, 69.1910



112.4980, 43.5970, 30.3890



81.6030, 2.7960, 4.3960



59.7840, 47.3490, 72.5410



9.1570, 7.2880, 11.0960

Inverse Universe

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



117.6280, 29.1520, 44.3840



138.0070, 45.1030, 69.1910



141.5020, -43.5970, -30.3890



81.6030, 2.7960, 4.3960



59.7840, 47.3490, 72.5410



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 117.6280, 29.1520, 44.3840 looks on a white background.

Color Contrast Check

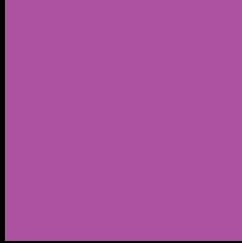
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6280, 29.1520, 44.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

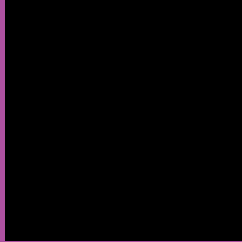
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.6280, 29.1520, 44.3840

Background



This preview shows how black text looks on a background with the YIQ color 117.6280, 29.1520, 44.3840.



This preview shows how white text looks on a background with the YIQ color 117.6280, 29.1520,

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

117.6280, 29.1520, 44.3840

Protanopia

114.3630, -39.8460, 17.2900

Deuteranopia

116.2820, -17.9290, 11.0550



Tritanopia

117.0270, 40.0690, 17.2290

Trichromacy



Original Color

117.6280, 29.1520, 44.3840

Protanomaly

115.4480, -14.8600, 27.0280

Deuteranomaly

116.6420, -0.9670, 23.0410

Tritanomaly

117.3830, 36.4910, 27.0110

Monochromacy



Original Color

117.6280, 29.1520, 44.3840

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1730, 10.3590, 16.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.6280, 29.1520, 44.3840 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(173, 81, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 81, 161) }
```

Border

The CSS property to change the border of an element to YIQ 117.6280, 29.1520, 44.3840 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, 161) }
```


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

```
.border{ border-color:rgb(173, 81, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 81, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 81, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 81,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 117.6280, 29.1520, 44.3840 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, 161) }
```

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

```
.background{ background-color: rgb(173, 81,  
161) }
```

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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