

Converting Colors

YIQ(119.2950, 25.8960, 48.3280)

Have a look what the booklet for
YIQ(119.2950, 25.8960, 48.3280)
contains.

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Color

**YIQ(119.2950, 25.8960,
48.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	AE51AD
RGB	174, 81, 173
RGB Percent	68%, 32%, 68%
CMY	0.3174, 0.6825, 0.3215
CMYK	0.00, 0.53, 0.01, 0.32
HSL	301°, 37%, 50%
HSV	301°, 53%, 68%
XYZ	27.9545, 17.9034, 41.5216
YIQ	119.2950, 25.8960, 48.3280

Conversions

Conversions Part 2

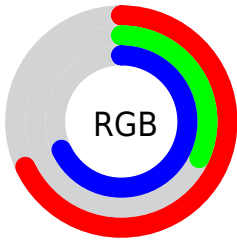
Format	Color
RYB	174, 81, 173
Decimal	11424173
CIELab	49.38, 50.71, -32.31
CIELCh	49, 60.127, 327.494
Yxy	17.9034, 0.3199, 0.2049
Android (android.graphics.Color)	4289614253 (0xFFAE51AD)
YUV	119.2950, 26.4766, 47.9763
Hunter-Lab	42.3124, 43.8831, -28.5632

Details

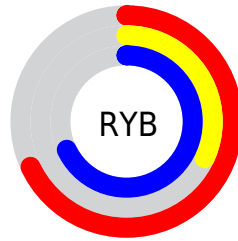
The YIQ color **119.2950, 25.8960, 48.3280** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.7050, -25.8960, -48.3280**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8330, 27.3170, 50.1090**, and **63.9360, 25.5290, 49.4730** is the 20% darker color. If you saturate the color by 10%, you get **109.3160, 30.5710, 57.2190**, and if you desaturate by 10%, it is **129.2740, 21.2210, 39.4370**.

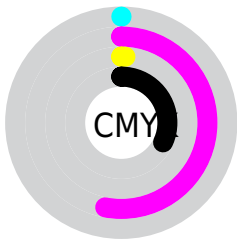
Distribution



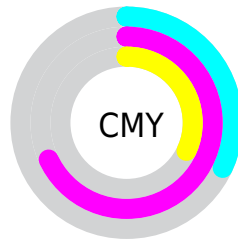
- Red (68%)
- Green (32%)
- Blue (68%)



- Red (68%)
- Yellow (32%)
- Blue (68%)



- Cyan (0%)
- Magenta (53%)
- Yellow (1%)
- Black (32%)




- Cyan (32%)
- Magenta (68%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.2950, 25.8960, 48.3280 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 119.2950, 25.8960, 48.3280 by changing the saturation by 10% instead.


 119.2950, 25.8960,
48.3280


 119.2950, 25.8960,
48.3280


255.0000, -0.0000,
-0.0000


 91.9960, 25.3000,
48.1160


 174.1320, 27.9130,
50.3210


 63.9360, 25.5290,
49.4730


 200.4090, 25.5750,
48.6390

 38.3380, 24.3370,
49.0490


 216.8450, 17.8750,
33.9950

 27.8280, 16.5450,
36.0730

 233.2810, 10.1750,
19.3510

 18.6280, 10.8160,
24.2560

 250.3040, 2.2000,
4.1840

 2.9640, -8.3460,
8.0860

 0.0000, 0.0000,

0.0000

■ 119.2950, 25.8960,
48.3280

■ 119.2950, 25.8960,
48.3280

■ 109.3160, 30.5710,
57.2190

■ 129.2740, 21.2210,
39.4370

■ 98.7500, 35.5210,
66.6330

■ 139.8400, 16.2710,
30.0230

■ 88.6570, 40.5170,
75.2130

■ 149.9330, 11.2750,
21.4430

■ 78.0910, 45.4670,
84.6270

■ 160.4990, 6.3250,
12.0290

■ 71.6340, 48.4920,
90.3800

■ 170.4780, 1.6500,
3.1380

■ 180.4570, -3.0250,
-5.7530

■ 191.0230, -7.9750,
-15.1670

■ 201.1160,
-12.9710, -23.7470

■ 211.6820,
-17.9210, -33.1610

Harmonies

Analogous

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



117.7420, -33.0630, 32.0330



119.2950, 25.8960, 48.3280



112.1130, 64.4550, 48.8630

Triad

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



119.2950, 25.8960, 48.3280



110.2730, 55.0700, -28.8820



100.7620, -90.8230, -22.5270

Complementary

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



119.2950, 25.8960, 48.3280



135.7050, -25.8960, -48.3280

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.



94.8340, -74.1310, -38.6990



119.2950, 25.8960, 48.3280



103.7690, 20.7780, -46.1820

Square

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



119.2950, 25.8960, 48.3280



112.3860, 74.8260, -1.4460



86.5580, -56.3390, -52.7790



102.9740, -102.5630, -7.9950

Rectangle

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



119.2950, 25.8960, 48.3280



110.6070, 77.2030, 38.0910



86.5580, -56.3390, -52.7790



99.5250, -85.9620, -28.0260

Sweetspot

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



119.2950, 25.8960, 48.3280



205.8680, 9.9000, 18.8280



91.6020, -29.8530, 28.9230



102.0860, 6.0500, 11.5060



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



119.2950, 25.8960, 48.3280



141.6570, 40.5170, 75.2130



114.1650, 40.3410, 34.3330



81.7170, 2.4750, 4.7070



61.8360, 41.5710, 78.1390



9.4990, 6.3250, 12.0290

Inverse Universe

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



119.2950, 25.8960, 48.3280



141.6570, 40.5170, 75.2130



140.9490, -40.6620, -34.0220



81.7170, 2.4750, 4.7070



61.8360, 41.5710, 78.1390



9.4990, 6.3250, 12.0290

Previews

White Background



This preview shows how the YIQ color 119.2950, 25.8960, 48.3280 looks on a white background.

Color Contrast Check

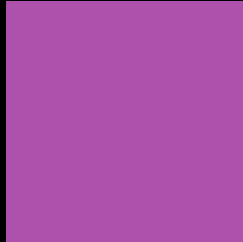
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.2950, 25.8960, 48.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

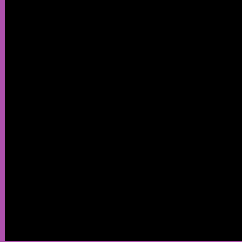
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.2950, 25.8960, 48.3280

Background



This preview shows how black text looks on a background with the YIQ color 119.2950, 25.8960, 48.3280.



This preview shows how white text looks on a background with the YIQ color 119.2950, 25.8960,

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

119.2950, 25.8960, 48.3280

Protanopia

114.5670, -49.1080, 19.9480

Deuteranopia

117.6170, -26.1820, 11.9460



Tritanopia

119.1300, 38.2810, 16.5930

Trichromacy



Original Color

119.2950, 25.8960, 48.3280

Protanomaly

116.4350, -22.0130, 30.0110

Deuteranomaly

118.2870, -7.1570, 25.0910

Tritanomaly

119.3550, 33.6940, 28.1420

Monochromacy



Original Color

119.2950, 25.8960, 48.3280

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0420, 9.3500, 17.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2950, 25.8960, 48.3280 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(174, 81, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 81, 173)  
}
```

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(174, 81, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 81, 173) }
```

Border

The CSS property to change the border of an element to YIQ 119.2950, 25.8960, 48.3280 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(174, 81, 173) }
```


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

```
.border{ border-color:rgb(174, 81, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 81, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 81, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 81, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 81,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2950, 25.8960, 48.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 81, 173) }
```

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

```
.background{ background-color: rgb(174, 81,  
173) }
```

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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