

Converting Colors

YIQ(117.0440, 25.3450, 52.8090)

Have a look what the booklet for
YIQ(117.0440, 25.3450, 52.8090)
contains.

YIQ(117.0440, 25.3450, 52.8090)	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(117.0440, 25.3450,
52.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4CB3
RGB	174, 76, 179
RGB Percent	68%, 30%, 70%
CMY	0.3173, 0.7021, 0.2980
CMYK	0.03, 0.58, 0.00, 0.30
HSL	297°, 40%, 50%
HSV	297°, 58%, 70%
XYZ	28.1913, 17.4255, 44.5283
YIQ	117.0440, 25.3450, 52.8090

Conversions

Conversions Part 2

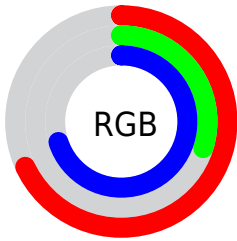
Format	Color
R_{YB}	174, 76, 179
Decimal	11422899
CIE _{Lab}	48.79, 54.17, -36.74
CIE _{LCh}	49, 65.459, 325.853
Yxy	17.4255, 0.3127, 0.1933
Android (android.graphics.Color)	4289612979 (0xFFAE4CB3)
YUV	117.0440, 30.5443, 49.9504
Hunter-Lab	41.7439, 47.4963, -34.0240

Details

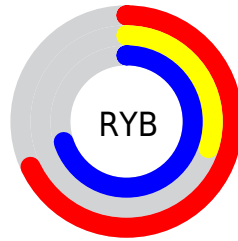
The YIQ color **117.0440, 25.3450, 52.8090** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **137.9560, -25.3450, -52.8090**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4680, 27.0870, 54.2790**, and **59.3370, 26.0780, 56.0460** is the 20% darker color. If you saturate the color by 10%, you get **106.1790, 29.6990, 62.0110**, and if you desaturate by 10%, it is **127.9090, 20.9910, 43.6070**.

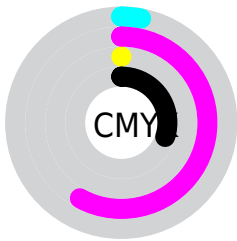
Distribution



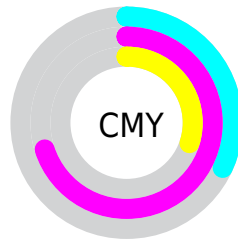
- Red (68%)
- Green (30%)
- Blue (70%)



- Red (68%)
- Yellow (30%)
- Blue (70%)



- Cyan (3%)
- Magenta (58%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.0440, 25.3450, 52.8090 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 117.0440, 25.3450, 52.8090 by changing the saturation by 10% instead.

■ 117.0440, 25.3450,
52.8090

■ 117.0440, 25.3450,
52.8090

■ 255.0000, -0.0000,
-0.0000

■ 89.1580, 25.0240,
53.1200

■ 172.4680, 27.0870,
54.2790

■ 59.3370, 26.0780,
56.0460

■ 197.4740, 26.9500,
51.2540

■ 38.9080, 22.7320,
50.6040

■ 213.9100, 19.2500,
36.6100

■ 28.3980, 14.9400,
37.6280

■ 230.9330, 11.2750,
21.4430

■ 18.8990, 8.6150,
25.5990

■ 247.9560, 3.3000,
6.2760

■ 3.4200, -9.6300,
9.3300

■ 0.0000, 0.0000,

0.0000

■ 117.0440, 25.3450,
52.8090

■ 117.0440, 25.3450,
52.8090

■ 106.1790, 29.6990,
62.0110

■ 127.9090, 20.9910,
43.6070

■ 95.3140, 34.0530,
71.2130

■ 138.7740, 16.6370,
34.4050

■ 84.7480, 39.0030,
80.6270

■ 149.6390, 12.2830,
25.2030

■ 73.8830, 43.3570,
89.8290

■ 160.5040, 7.9290,
16.0010

■ 71.2360, 43.8610,
91.7090

■ 170.4830, 3.2540,
7.1100

■ 181.3480, -1.1000,
-2.0920

■ 192.2130, -5.4540,
-11.2940

■ 203.0780, -9.8080,
-20.4960

■ 213.9430,
-14.1620, -29.6980

Harmonies

Analogous

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



114.7780, -41.9120, 32.7120



117.0440, 25.3450, 52.8090



107.0800, 69.2220, 56.0860

Triad

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



117.0440, 25.3450, 52.8090



109.1100, 57.0870, -26.8890



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.



117.0440, 25.3450, 52.8090



137.9560, -25.3450, -52.8090

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.



94.2640, -72.5260, -40.2540



117.0440, 25.3450, 52.8090



102.3560, 20.5030, -46.7050

Square

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



117.0440, 25.3450, 52.8090



108.8060, 82.3910, -0.8810



85.3040, -52.8080, -56.2000



103.4300, -103.8470, -6.7510

Rectangle

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



117.0440, 25.3450, 52.8090



104.9440, 83.8040, 45.1160



85.3040, -52.8080, -56.2000



99.2970, -85.3200, -28.6480

Sweetspot

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



117.0440, 25.3450, 52.8090



208.5090, 9.5330, 19.9730



90.6770, -34.4380, 29.4180



103.2000, 5.7290, 11.8170



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.



117.0440, 25.3450, 52.8090



135.6880, 39.2320, 81.9840



113.2950, 43.0910, 39.5630



83.7170, 2.4750, 4.7070



61.0960, 37.9030, 78.5350



10.1400, 5.9580, 13.1740

Inverse Universe

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



107.3670, 59.7830, 23.3910



120.7520, 92.7920, 36.4080



141.7050, -43.0910, -39.5630



82.8050, 5.0430, 2.2190



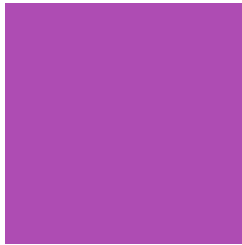
46.5450, 88.9410, 34.6130



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 117.0440, 25.3450, 52.8090 looks on a white background.

Color Contrast Check

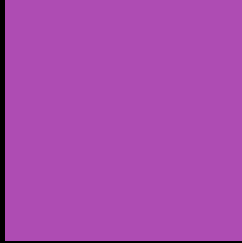
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0440, 25.3450, 52.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

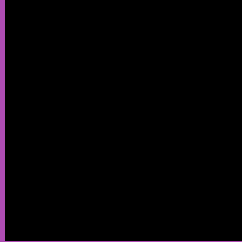
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.0440, 25.3450, 52.8090

Background



This preview shows how black text looks on a background with the YIQ color 117.0440, 25.3450, 52.8090.



This preview shows how white text looks on a background with the YIQ color 117.0440, 25.3450,

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

117.0440, 25.3450, 52.8090

Protanopia

110.6460, -59.5160, 21.3480

Deuteranopia

115.2080, -32.2800, 12.3280



Tritanopia

117.4290, 38.8770, 16.8050

Trichromacy



Original Color

117.0440, 25.3450, 52.8090

Protanomaly

113.3080, -28.8450, 32.6830

Deuteranomaly

115.7150, -11.2380, 27.4660

Tritanomaly

117.4090, 33.6020, 29.8100

Monochromacy



Original Color

117.0440, 25.3450, 52.8090

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.0960, 9.2580, 19.4500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.0440, 25.3450, 52.8090 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, 76, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 76, 179)  
}
```

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, 76, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 76, 179) }
```

Border

The CSS property to change the border of an element to YIQ 117.0440, 25.3450, 52.8090 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, 76, 179) }
```


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

```
.border{ border-color:rgb(174, 76, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 76, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 76, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 76, 179);  
box-shadow:4px 4px 4px 4px rgb(174, 76,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 117.0440, 25.3450, 52.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 76, 179) }
```

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

```
.background{ background-color: rgb(174, 76,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor