

Converting Colors

YIQ(82.9180, 25.9400, 58.5480)

Have a look what the booklet for
YIQ(82.9180, 25.9400, 58.5480)
contains.

YIQ(82.9180, 25.9400, 58.5480)	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(82.9180, 25.9400,
58.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	90269A
RGB	144, 38, 154
RGB Percent	56%, 15%, 60%
CMY	0.4350, 0.8511, 0.3961
CMYK	0.06, 0.75, 0.00, 0.40
HSL	295°, 60%, 38%
HSV	295°, 75%, 60%
XYZ	18.0408, 9.6533, 31.4857
YIQ	82.9180, 25.9400, 58.5480

Conversions

Conversions Part 2

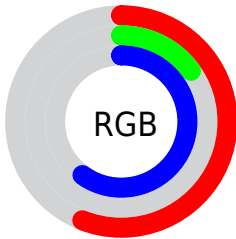
Format	Color
R_{YB}	144, 38, 154
Decimal	9447066
CIE _{Lab}	37.21, 57.98, -40.51
CIE _{LCh}	37, 70.732, 325.060
Yxy	9.6533, 0.3048, 0.1631
Android (android.graphics.Color)	4287637146 (0xFF90269A)
YUV	82.9180, 35.0434, 53.5689
Hunter-Lab	31.0698, 49.2742, -38.3348

Details

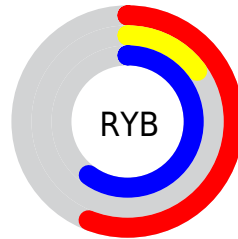
The YIQ color **82.9180, 25.9400, 58.5480** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109.0820, -25.9400, -58.5480**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6900, 26.5820, 57.9260**, and **38.2390, 20.3020, 50.5900** is the 20% darker color. If you saturate the color by 10%, you get **73.8140, 29.4690, 66.1810**, and if you desaturate by 10%, it is **92.0220, 22.4110, 50.9150**.

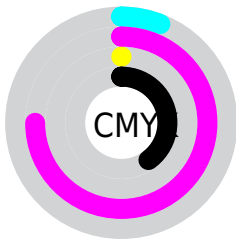
Distribution



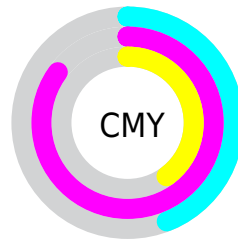
- Red (56%)
- Green (15%)
- Blue (60%)



- Red (56%)
- Yellow (15%)
- Blue (60%)



- Cyan (6%)
- Magenta (75%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.9180, 25.9400, 58.5480 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 82.9180, 25.9400, 58.5480 by changing the saturation by 10% instead.

■ 82.9180, 25.9400,
58.5480

■ 82.9180, 25.9400,
58.5480

■ 255.0000, -0.0000,
-0.0000

■ 49.5750, 28.6440,
64.6120

■ 139.6900, 26.5820,
57.9260

■ 38.2390, 20.3020,
50.5900

■ 167.5160, 27.1320,
58.9720

■ 27.6150, 12.8310,
37.3030

■ 193.3650, 28.8750,
54.9150

■ 17.8170, 5.9100,
25.0620

■ 209.8010, 21.1750,
40.2710

■ 3.6480, -10.2720,
9.9520

■ 226.2370, 13.4750,
25.6270

■ 0.3420, -0.9630,
0.9330

■ 243.2600, 5.5000,

■ 0.0000, 0.0000,

10.4600

0.0000

■ 82.9180, 25.9400,
58.5480

■ 82.9180, 25.9400,
58.5480

■ 73.8140, 29.4690,
66.1810

■ 92.0220, 22.4110,
50.9150

■ 63.8240, 32.6770,
74.1250

■ 102.0120, 19.2030,
42.9710

■ 59.7150, 34.6020,
77.7860

■ 111.1160, 15.6740,
35.3380

■ 120.8070, 11.8700,
27.1820

■ 130.2100, 8.9370,
19.7610

■ 139.3140, 5.4080,
12.1280

■ 149.0050, 1.6040,
3.9720

■ 158.4080, -1.3290,
-3.4490

■ 168.0990, -5.1330,
-11.6050

Harmonies

Analogous

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



80.0580, -57.5000, 28.8680



82.9180, 25.9400, 58.5480



64.9210, 74.5840, 69.0480

Triad

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



82.9180, 25.9400, 58.5480



82.8180, 46.5860, -18.2940



80.5470, -73.8600, -16.0680

Complementary

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



82.9180, 25.9400, 58.5480



109.0820, -25.9400, -58.5480

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.



73.2340, -54.6460, -33.8940



82.9180, 25.9400, 58.5480



75.7650, 9.4060, -38.3220

Square

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



82.9180, 25.9400, 58.5480



78.3420, 78.1260, 4.8300



62.9060, -31.0760, -53.5720



84.1440, -88.1220, 0.1180

Rectangle

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



82.9180, 25.9400, 58.5480



61.7850, 89.1660, 58.0780



62.9060, -31.0760, -53.5720



78.3810, -67.7610, -21.9770

Sweetspot

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



82.9180, 25.9400, 58.5480



172.8020, 10.2660, 23.2100



58.2680, -40.5360, 29.8000



84.3790, 6.7830, 14.7430



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



82.9180, 25.9400, 58.5480



90.2680, 40.8350, 91.4830



80.6640, 46.6660, 46.3620



72.0050, 1.6040, 3.9720



54.2320, 31.3480, 70.6760



5.0700, 2.9790, 6.5870

Inverse Universe

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



73.8240, 65.9260, 27.7020



75.9430, 102.7400, 43.3480



111.3360, -46.6660, -46.3620



71.5060, 4.4470, 2.0070



43.2280, 79.5880, 33.4120



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 82.9180, 25.9400, 58.5480 looks on a white background.

Color Contrast Check

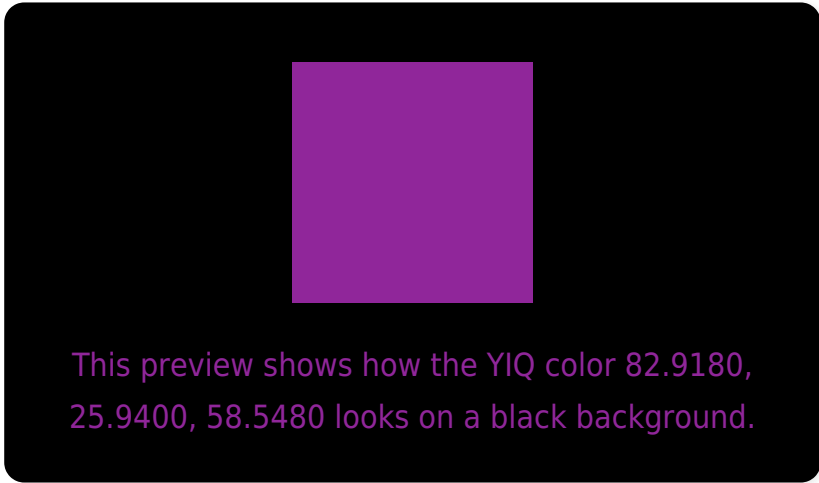
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

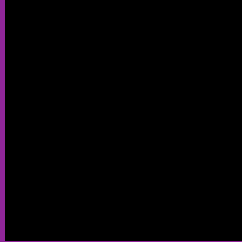
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.9180, 25.9400, 58.5480

Background



This preview shows how black text looks on a background with the YIQ color 82.9180, 25.9400, 58.5480.



This preview shows how white text looks on a background with the YIQ color 82.9180, 25.9400,

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

82.9180, 25.9400, 58.5480

Protanopia

70.5290, -81.4760, 11.8360

Deuteranopia

84.4350, -40.3490, 9.8830



Tritanopia

88.3040, 37.7310, 15.5470

Trichromacy



Original Color

82.9180, 25.9400, 58.5480

Protanomaly

74.9580, -42.5990, 28.6410

Deuteranomaly

83.4910, -16.4190, 27.7490

Tritanomaly

86.3490, 33.8310, 31.1670

Monochromacy



Original Color

82.9180, 25.9400, 58.5480

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.1500, 9.1660, 21.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.9180, 25.9400, 58.5480 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(144, 38, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 38, 154)  
}
```

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(144, 38, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 38, 154) }
```

Border

The CSS property to change the border of an element to YIQ 82.9180, 25.9400, 58.5480 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(144, 38, 154) }
```


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

```
.border{ border-color:rgb(144, 38, 154) }
```

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

Here you see how a box with a 4 pixel rgb(144, 38, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 38, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 38, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 38,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 82.9180, 25.9400, 58.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 38, 154) }
```

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

```
.background{ background-color: rgb(144, 38,  
154) }
```

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