

Converting Colors

YIQ(93.0850, 52.4900, 39.9300)

Have a look what the booklet for
YIQ(93.0850, 52.4900, 39.9300)
contains.

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Color

**YIQ(93.0850, 52.4900,
39.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	A83567
RGB	168, 53, 103
RGB Percent	66%, 21%, 40%
CMY	0.3409, 0.7923, 0.5959
CMYK	0.00, 0.68, 0.39, 0.34
HSL	334°, 52%, 43%
HSV	334°, 68%, 66%
XYZ	19.8863, 11.8553, 14.0835
YIQ	93.0850, 52.4900, 39.9300

Conversions

Conversions Part 2

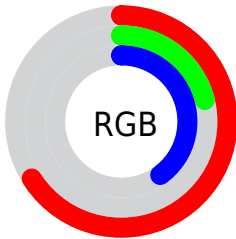
Format	Color
R_{YB}	168, 53, 103
Decimal	11023719
CIE _{Lab}	40.99, 51.20, -2.90
CIE _{LCh}	41, 51.286, 356.764
Yxy	11.8553, 0.4340, 0.2587
Android (android.graphics.Color)	4289213799 (0xFFA83567)
YUV	93.0850, 4.8881, 65.7005
Hunter-Lab	34.4316, 42.8391, -0.1493

Details

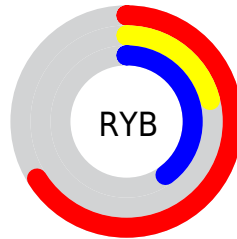
The YIQ color **93.0850, 52.4900, 39.9300** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.9150, -52.4900, -39.9300**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.2380, 56.4330, 40.0570**, and **39.5730, 48.1800, 40.9480** is the 20% darker color. If you saturate the color by 10%, you get **82.0800, 60.0540, 46.0220**, and if you desaturate by 10%, it is **104.2040, 44.6050, 34.1490**.

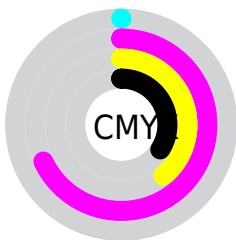
Distribution



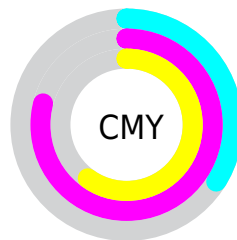
- Red (66%)
- Green (21%)
- Blue (40%)



- Red (66%)
- Yellow (21%)
- Blue (40%)



- Cyan (0%)
- Magenta (68%)
- Yellow (39%)
- Black (34%)



- Cyan (34%)
- Magenta (79%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.0850, 52.4900, 39.9300 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 93.0850, 52.4900, 39.9300 by changing the saturation by 10% instead.

93.0850, 52.4900,
39.9300

93.0850, 52.4900,
39.9300

255.0000, -0.0000,
-0.0000

63.1930, 52.3060,
43.2660

148.2380, 56.4330,
40.0570

39.5730, 48.1800,
40.9480

176.1240, 56.7540,
39.7460

29.1060, 38.8290,
28.6930

195.0510, 40.6620,
34.0220

19.1230, 30.9910,
16.5510

214.7930, 23.6530,
28.3970

7.5890, 14.5790,
5.6110

233.8680, 9.9000,
18.8280

0.0000, 0.0000,
0.0000

250.8910, 1.9250,

3.6610

■ 93.0850, 52.4900,
39.9300

■ 93.0850, 52.4900,
39.9300

■ 82.0800, 60.0540,
46.0220

■ 104.2040, 44.6050,
34.1490

■ 70.9610, 67.9390,
51.8030

■ 115.2090, 37.0410,
28.0570

■ 60.5430, 75.2280,
57.3720

■ 125.7410, 29.4310,
22.7990

■ 58.5540, 76.6950,
58.3190

■ 136.7460, 21.8670,
16.7070

■ 147.8650, 13.9820,
10.9260

■ 158.8700, 6.4180,
4.8340

■ 169.9890, -1.4670,
-0.9470

■ 180.4070, -8.7560,
-6.5160

■ 191.5260,
-16.6410, -12.2970

Harmonies

Analogous

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



98.3880, 20.9000, 39.7480



93.0850, 52.4900, 39.9300



91.5310, 65.1930, 24.4650

Triad

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



93.0850, 52.4900, 39.9300



86.0110, 17.5210, -36.7110



84.7820, -84.4070, -6.6390

Complementary

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



93.0850, 52.4900, 39.9300



127.9150, -52.4900, -39.9300

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.



83.2540, -74.5930, -19.3050



93.0850, 52.4900, 39.9300



71.1020, -45.8870, -43.9590

Square

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



93.0850, 52.4900, 39.9300



90.4710, 45.9450, -23.1990



78.4660, -61.1110, -32.3670



81.0950, -86.4260, 2.4220

Rectangle

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



93.0850, 52.4900, 39.9300



92.7350, 63.9580, 8.2940



78.4660, -61.1110, -32.3670



84.8160, -81.7470, -10.7950

Sweetspot

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



93.0850, 52.4900, 39.9300



189.0340, 20.9960, 15.9720



84.9470, 0.6330, 49.1210



91.7400, 12.8360, 9.6680



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



93.0850, 52.4900, 39.9300



101.8260, 81.9210, 62.7290



90.9070, 66.8900, 21.2420



78.7340, 3.8050, 2.6290



51.5480, 67.6640, 51.2800



7.0060, 9.0310, 7.0390

Inverse Universe

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



93.0850, 52.4900, 39.9300



101.8260, 81.9210, 62.7290



130.0930, -66.8900, -21.2420



78.7340, 3.8050, 2.6290



51.5480, 67.6640, 51.2800



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 93.0850, 52.4900, 39.9300 looks on a white background.

Color Contrast Check

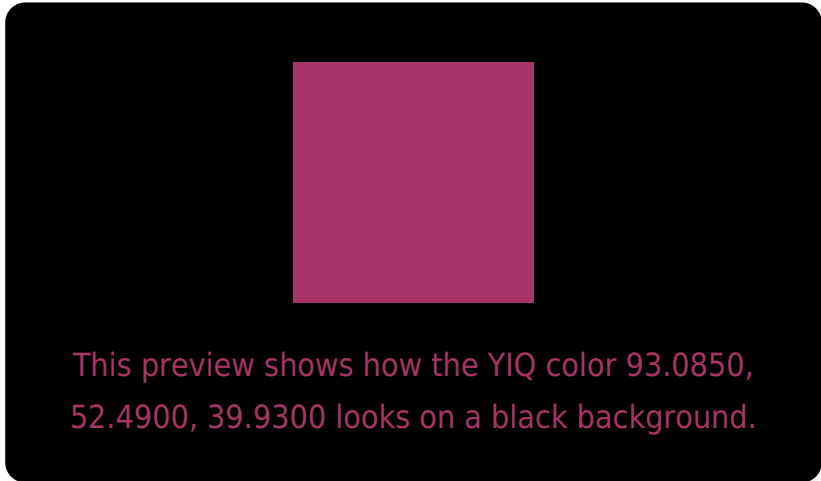
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

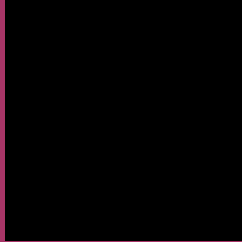
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.0850, 52.4900, 39.9300

Background



This preview shows how black text looks on a background with the YIQ color 93.0850, 52.4900, 39.9300.



This preview shows how white text looks on a background with the YIQ color 93.0850, 52.4900,

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

93.0850, 52.4900, 39.9300

Protanopia

97.5980, -16.0030, 9.1890

Deuteranopia

98.2290, 6.7850, 3.6890



Tritanopia

93.2530, 60.1040, 23.0800

Trichromacy



Original Color

93.0850, 52.4900, 39.9300

Protanomaly

95.7370, 8.8910, 20.5950

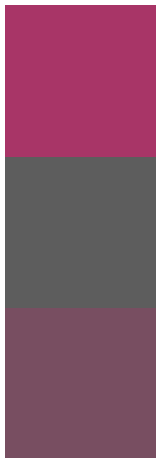
Deuteranomaly

96.2300, 23.3800, 16.8200

Tritanomaly

93.2730, 57.3520, 28.9040

Monochromacy



Original Color

93.0850, 52.4900, 39.9300

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.7240, 18.9330, 14.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0850, 52.4900, 39.9300 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(168, 53, 103)` looks like.

```
.text, #text, p{  
    color:rgb(168, 53, 103)  
}
```

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(168, 53, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 53, 103) }
```

Border

The CSS property to change the border of an element to YIQ 93.0850, 52.4900, 39.9300 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(168, 53, 103) }
```


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

```
.border{ border-color:rgb(168, 53, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 53, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 53, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 53, 103);  
box-shadow:4px 4px 4px 4px rgb(168, 53,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 93.0850, 52.4900, 39.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 53, 103) }
```

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

```
.background{ background-color: rgb(168, 53,  
103) }
```

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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