

Converting Colors

YIQ(94.8160, 25.9870, 52.1870)

Have a look what the booklet for
YIQ(94.8160, 25.9870, 52.1870)
contains.

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Color

**YIQ(94.8160, 25.9870,
52.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	98369B
RGB	152, 54, 155
RGB Percent	60%, 21%, 61%
CMY	0.4036, 0.7884, 0.3921
CMYK	0.02, 0.65, 0.00, 0.39
HSL	298°, 48%, 41%
HSV	298°, 65%, 61%
XYZ	20.1972, 11.6840, 32.2039
YIQ	94.8160, 25.9870, 52.1870

Conversions

Conversions Part 2

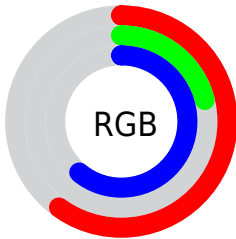
Format	Color
R_{YB}	152, 54, 155
Decimal	9975451
CIE _{Lab}	40.71, 53.93, -35.48
CIE _{LCh}	41, 64.556, 326.662
Yxy	11.6840, 0.3152, 0.1823
Android (android.graphics.Color)	4288165531 (0xFF98369B)
YUV	94.8160, 29.6707, 50.1504
Hunter-Lab	34.1818, 45.6531, -31.9318

Details

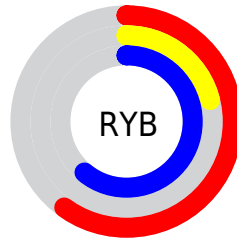
The YIQ color **94.8160, 25.9870, 52.1870** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **114.1840, -25.9870, -52.1870**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.8270, 27.4540, 53.1340**, and **41.0440, 25.3450, 52.8090** is the 20% darker color. If you saturate the color by 10%, you get **85.4240, 30.3870, 60.5550**, and if you desaturate by 10%, it is **103.9200, 22.4580, 44.5540**.

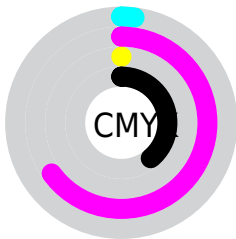
Distribution



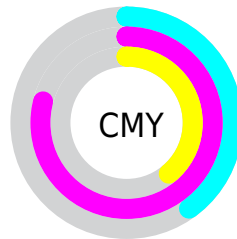
- Red (60%)
- Green (21%)
- Blue (61%)



- Red (60%)
- Yellow (21%)
- Blue (61%)



- Cyan (2%)
- Magenta (65%)
- Yellow (0%)
- Black (39%)





- Cyan (40%)
- Magenta (79%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.8160, 25.9870, 52.1870 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 94.8160, 25.9870, 52.1870 by changing the saturation by 10% instead.


 94.8160, 25.9870,
52.1870


 94.8160, 25.9870,
52.1870


255.0000, -0.0000,
-0.0000


 65.5820, 26.7660,
54.5900


 149.8270, 27.4540,
53.1340


 41.0440, 25.3450,
52.8090


 177.5390, 28.3250,
53.8690

 30.2350, 16.9570,
39.6210


 200.9960, 25.3000,
48.1160

 20.7360, 10.6320,
27.5920

 217.4320, 17.6000,
33.4720

 7.6490, -2.8450,
13.0190

 234.4550, 9.6250,
18.3050

 0.5700, -1.6050,
1.5550

 251.4780, 1.6500,

 0.0000, 0.0000,

3.1380

0.0000

■ 94.8160, 25.9870,
52.1870

■ 94.8160, 25.9870,
52.1870

■ 85.4240, 30.3870,
60.5550

■ 103.9200, 22.4580,
44.5540

■ 76.3200, 33.9160,
68.1880

■ 113.3120, 18.0580,
36.1860

■ 66.9280, 38.3160,
76.5560

■ 122.1170, 13.9330,
28.3410

■ 62.8190, 40.2410,
80.2170

■ 131.8080, 10.1290,
20.1850

■ 140.6130, 6.0040,
12.3400

■ 150.3040, 2.2000,
4.1840

■ 159.1090, -1.9250,
-3.6610

■ 168.8000, -5.7290,
-11.8170

■ 177.6050, -9.8540,
-19.6620

Harmonies

Analogous

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



93.9090, -40.9030, 30.9450



94.8160, 25.9870, 52.1870



79.4870, 69.6340, 59.6340

Triad

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



94.8160, 25.9870, 52.1870



90.4820, 47.4120, -22.2520



85.4540, -78.0320, -17.5520

Complementary

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



94.8160, 25.9870, 52.1870



114.1840, -25.9870, -52.1870

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.



79.2980, -60.6980, -34.3460



94.8160, 25.9870, 52.1870



84.0380, 12.8910, -40.9090

Square

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



94.8160, 25.9870, 52.1870



88.0550, 77.2560, -1.4320



70.4520, -41.3010, -49.9810



88.5950, -91.0100, -2.6100

Rectangle

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



94.8160, 25.9870, 52.1870



79.0410, 82.1530, 47.5050



70.4520, -41.3010, -49.9810



84.1030, -72.8500, -23.3620

Sweetspot

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



94.8160, 25.9870, 52.1870



177.2210, 10.4040, 20.7080



67.2750, -33.2460, 29.8420



87.6130, 6.0040, 12.3400



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.



94.8160, 25.9870, 52.1870



107.6450, 40.7910, 81.2630



90.3550, 42.8620, 38.2060



72.0050, 1.6040, 3.9720



56.6240, 36.1160, 72.3720



5.0700, 2.9790, 6.5870

Inverse Universe

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



84.5410, 59.2330, 22.3450



91.5130, 91.9670, 34.8390



118.6450, -42.8620, -38.2060



71.3920, 4.7680, 1.6960



42.3160, 82.1560, 30.9240



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 94.8160, 25.9870, 52.1870 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 94.8160, 25.9870, 52.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

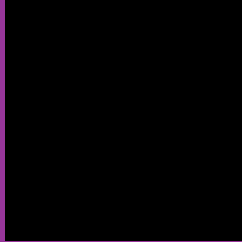
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.8160, 25.9870, 52.1870

Background



This preview shows how black text looks on a background with the YIQ color 94.8160, 25.9870, 52.1870.



This preview shows how white text looks on a background with the YIQ color 94.8160, 25.9870,

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

94.8160, 25.9870, 52.1870

Protanopia

86.0470, -68.1350, 17.8570

Deuteranopia

94.4530, -31.5920, 10.8720



Tritanopia

96.7170, 38.0060, 16.0700

Trichromacy



Original Color

94.8160, 25.9870, 52.1870

Protanomaly

89.5030, -33.8880, 30.4640

Deuteranomaly

94.6610, -11.1460, 25.7980

Tritanomaly

95.9960, 33.3270, 29.2870

Monochromacy



Original Color

94.8160, 25.9870, 52.1870

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9820, 9.5790, 19.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8160, 25.9870, 52.1870 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(152, 54, 155)` looks like.

```
.text, #text, p{  
    color:rgb(152, 54, 155)  
}
```

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(152, 54, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 54, 155) }
```

Border

The CSS property to change the border of an element to YIQ 94.8160, 25.9870, 52.1870 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(152, 54, 155) }
```


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

```
.border{ border-color:rgb(152, 54, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 54, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 54, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 54, 155); box-shadow:4px 4px 4px 4px rgb(152, 54, 155) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8160, 25.9870, 52.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 54, 155) }
```

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

```
.background{ background-color: rgb(152, 54,  
155) }
```

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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