

Converting Colors

YIQ(94.4910, 19.1120, 39.1120)

Have a look what the booklet for
YIQ(94.4910, 19.1120, 39.1120)
contains.

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Color

**YIQ(94.4910, 19.1120,
39.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	89408C
RGB	137, 64, 140
RGB Percent	54%, 25%, 55%
CMY	0.4625, 0.7491, 0.4510
CMYK	0.02, 0.54, 0.00, 0.45
HSL	298°, 37%, 40%
HSV	298°, 54%, 55%
XYZ	16.8914, 10.8801, 26.0224
YIQ	94.4910, 19.1120, 39.1120

Conversions

Conversions Part 2

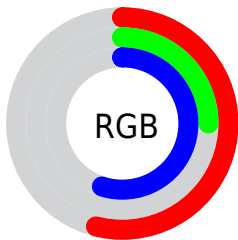
Format	Color
R_{YB}	137, 64, 140
Decimal	8994956
CIE _{Lab}	39.38, 42.41, -28.64
CIE _{LCh}	39, 51.177, 325.974
Yxy	10.8801, 0.3140, 0.2023
Android (android.graphics.Color)	4287185036 (0xFF89408C)
YUV	94.4910, 22.4359, 37.2804
Hunter-Lab	32.9849, 33.6851, -23.6855

Details

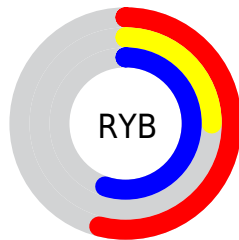
The YIQ color **94.4910, 19.1120, 39.1120** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109.5090, -19.1120, -39.1120**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0290, 20.5330, 40.8930**, and **40.8440, 19.6160, 40.9920** is the 20% darker color. If you saturate the color by 10%, you get **86.2730, 22.9620, 46.4340**, and if you desaturate by 10%, it is **103.0080, 15.8580, 32.0020**.

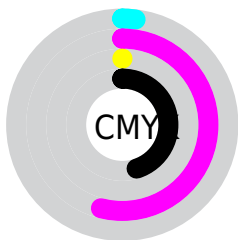
Distribution



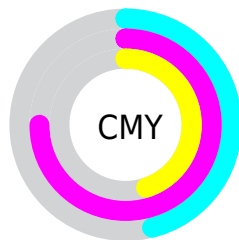
- Red (54%)
- Green (25%)
- Blue (55%)



- Red (54%)
- Yellow (25%)
- Blue (55%)



- Cyan (2%)
- Magenta (54%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.4910, 19.1120, 39.1120 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 94.4910, 19.1120, 39.1120 by changing the saturation by 10% instead.

94.4910, 19.1120,
39.1120

94.4910, 19.1120,
39.1120

255.0000, -0.0000,
-0.0000

68.7790, 18.2410,
38.3770

147.0290, 20.5330,
40.8930

40.8440, 19.6160,
40.9920

174.7410, 21.4040,
41.6280

25.1650, 13.9780,
33.0340

202.5670, 21.9540,
42.6740

16.6770, 9.1200,
21.9520

220.9540, 15.9500,
30.3340

2.9810, -7.0160,
6.0080

237.3900, 8.2500,
15.6900

0.0000, 0.0000,
0.0000

254.4130, 0.2750,

0.5230

■ 94.4910, 19.1120,
39.1120

■ 94.4910, 19.1120,
39.1120

■ 86.2730, 22.9620,
46.4340

■ 103.0080, 15.8580,
32.0020

■ 77.7560, 26.2160,
53.5440

■ 111.2260, 12.0080,
24.6800

■ 69.2390, 29.4700,
60.6540

■ 119.7430, 8.7540,
17.5700

■ 61.0210, 33.3200,
67.9760

■ 127.9610, 4.9040,
10.2480

■ 56.3250, 35.5200,
72.1600

■ 136.4780, 1.6500,
3.1380

■ 144.6960, -2.2000,
-4.1840

■ 153.2130, -5.4540,
-11.2940

■ 161.4310, -9.3040,
-18.6160

■ 169.9480,
-12.5580, -25.7260

Harmonies

Analogous

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



92.3800, -29.3480, 25.2760



94.4910, 19.1120, 39.1120



88.9000, 51.5730, 40.0290

Triad

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



94.4910, 19.1120, 39.1120



87.2260, 45.2570, -21.7430



80.3360, -71.8880, -18.7680

Complementary

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



94.4910, 19.1120, 39.1120



109.5090, -19.1120, -39.1120

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.



74.9610, -58.1310, -31.3070



94.4910, 19.1120, 39.1120



82.3100, 18.1170, -36.4990

Square

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



94.4910, 19.1120, 39.1120



88.6110, 61.0710, 0.0390



68.2980, -43.5030, -43.1110



81.8640, -81.7020, -6.1020

Rectangle

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



94.4910, 19.1120, 39.1120



87.4910, 62.6700, 31.6460



68.2980, -43.5030, -43.1110



78.8540, -67.7150, -22.8110

Sweetspot

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



94.4910, 19.1120, 39.1120



163.6780, 7.3790, 14.9550



75.0120, -25.4960, 21.5440



81.1350, 4.3540, 9.2020



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



94.4910, 19.1120, 39.1120



110.2390, 29.4700, 60.6540



91.5120, 31.8140, 29.1740



64.8910, 1.9250, 3.6610



53.1350, 32.9990, 68.2870



2.0650, 1.3750, 2.6150

Inverse Universe

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



87.0660, 44.3330, 17.0450



98.8520, 68.7230, 26.5710



112.4880, -31.8140, -29.1740



64.0930, 4.1720, 1.4840



40.3370, 77.6630, 29.7510



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 94.4910, 19.1120, 39.1120 looks on a white background.

Color Contrast Check

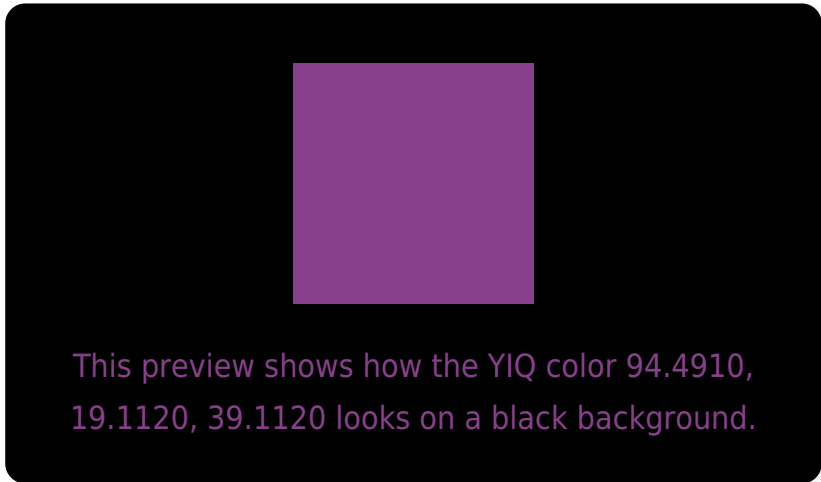
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4910, 19.1120, 39.1120

Background



This preview shows how black text looks on a background with the YIQ color 94.4910, 19.1120, 39.1120.



This preview shows how white text looks on a background with the YIQ color 94.4910, 19.1120, 39.1120.

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

94.4910, 19.1120, 39.1120

Protanopia

90.0530, -41.9090, 16.1310

Deuteranopia

93.0040, -23.0180, 9.6700



Tritanopia

94.2320, 29.0660, 12.8900

Trichromacy



Original Color

94.4910, 19.1120, 39.1120

Protanomaly

91.5290, -19.5820, 24.4980

Deuteranomaly

93.3530, -7.5230, 20.7090

Tritanomaly

94.4740, 25.8090, 22.3610

Monochromacy



Original Color

94.4910, 19.1120, 39.1120

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2650, 7.1040, 14.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4910, 19.1120, 39.1120 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(137, 64, 140)` looks like.

```
.text, #text, p{  
    color:rgb(137, 64, 140)  
}
```

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(137, 64, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 64, 140) }
```

Border

The CSS property to change the border of an element to YIQ 94.4910, 19.1120, 39.1120 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(137, 64, 140) }
```


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

```
.border{ border-color:rgb(137, 64, 140) }
```

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

Here you see how a box with a 4 pixel rgb(137, 64, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 64, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 64, 140);  
box-shadow:4px 4px 4px 4px rgb(137, 64,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4910, 19.1120, 39.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 64, 140) }
```

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

```
.background{ background-color: rgb(137, 64,  
140) }
```

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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