

Converting Colors

YIQ(93.4980, 26.4020, 39.1540)

Have a look what the booklet for
YIQ(93.4980, 26.4020, 39.1540)
contains.

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Color

**YIQ(93.4980, 26.4020,
39.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3D83
RGB	143, 61, 131
RGB Percent	56%, 24%, 51%
CMY	0.4390, 0.7609, 0.4862
CMYK	0.00, 0.57, 0.08, 0.44
HSL	309°, 40%, 40%
HSV	309°, 57%, 56%
XYZ	17.1028, 10.8179, 22.6640
YIQ	93.4980, 26.4020, 39.1540

Conversions

Conversions Part 2

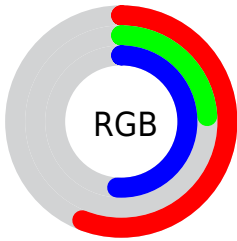
Format	Color
R_{YB}	143, 61, 131
Decimal	9387395
CIE _{Lab}	39.27, 44.04, -23.23
CIE _{LCh}	39, 49.790, 332.187
Yxy	10.8179, 0.3381, 0.2139
Android (android.graphics.Color)	4287577475 (0xFF8F3D83)
YUV	93.4980, 18.4885, 43.4133
Hunter-Lab	32.8906, 35.2593, -17.8315

Details

The YIQ color **93.4980, 26.4020, 39.1540** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **110.5020, -26.4020, -39.1540**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.8080, 28.4650, 40.3130**, and **37.3180, 27.0890, 43.2250** is the 20% darker color. If you saturate the color by 10%, you get **85.0520, 30.8940, 45.8540**, and if you desaturate by 10%, it is **101.9440, 21.9100, 32.4540**.

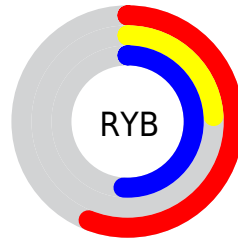
Distribution



Red (56%)

Green (24%)

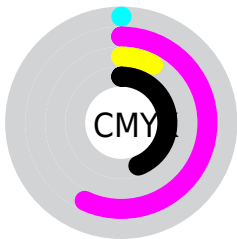
Blue (51%)



Red (56%)

Yellow (24%)

Blue (51%)

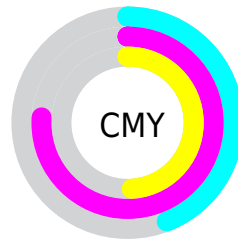


Cyan (0%)

Magenta (57%)

Yellow (8%)

Black (44%)



Cyan (44%)


Magenta (76%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.4980, 26.4020, 39.1540 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 93.4980, 26.4020, 39.1540 by changing the saturation by 10% instead.


 93.4980, 26.4020,
39.1540


 93.4980, 26.4020,
39.1540


255.0000, -0.0000,
-0.0000


 67.3130, 25.4850,
39.2530


 146.8080, 28.4650,
40.3130


 37.3180, 27.0890,
43.2250


 173.9330, 29.6110,
41.5710


 26.0470, 20.1220,
31.8180

 201.6340, 29.0150,
41.3590

 17.0750, 13.7510,
20.6230

 219.1930, 16.7750,
31.9030

 1.2540, -3.5310,
3.4210

 236.2160, 8.8000,
16.7360

 0.0000, 0.0000,
0.0000

 253.2390, 0.8250,

1.5690

■ 93.4980, 26.4020,
39.1540

■ 93.4980, 26.4020,
39.1540

■ 85.0520, 30.8940,
45.8540

■ 101.9440, 21.9100,
32.4540

■ 76.0190, 35.6610,
53.0770

■ 110.9770, 17.1430,
25.2310

■ 67.5730, 40.1530,
59.7770

■ 119.4230, 12.6510,
18.5310

■ 59.1270, 44.6450,
66.4770

■ 127.8690, 8.1590,
11.8310

■ 56.6650, 46.0660,
68.2580

■ 137.0160, 3.0710,
4.9190

■ 145.4620, -1.4210,
-1.7810

■ 153.9080, -5.9130,
-8.4810

■ 162.3540,
-10.4050, -15.1810

■ 171.3870,
-15.1720, -22.4040

Harmonies

Analogous

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



93.8330, -17.3820, 28.6820



93.4980, 26.4020, 39.1540



88.4610, 54.1870, 36.7070

Triad

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



93.4980, 26.4020, 39.1540



86.5950, 39.6640, -25.0080



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.



93.4980, 26.4020, 39.1540



110.5020, -26.4020, -39.1540

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.



75.8730, -60.6990, -28.8190



93.4980, 26.4020, 39.1540



81.5740, 8.6260, -35.1980

Square

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



93.4980, 26.4020, 39.1540



88.4810, 58.3210, -5.1910



69.3240, -46.3920, -40.3120



80.9180, -81.7940, -4.4340

Rectangle

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



93.4980, 26.4020, 39.1540



87.5570, 62.3040, 27.2640



69.3240, -46.3920, -40.3120



79.0650, -69.6870, -20.1110

Sweetspot

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



93.4980, 26.4020, 39.1540



167.3470, 9.8090, 14.9690



73.6370, -19.7660, 27.8340



82.6190, 5.8670, 9.3150



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



93.4980, 26.4020, 39.1540



108.6980, 41.2990, 61.0350



88.9380, 39.2420, 26.7140



66.7770, 2.2460, 3.3500



53.4750, 43.5450, 64.3850



3.1900, 2.5210, 3.8730

Inverse Universe

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



93.4980, 26.4020, 39.1540



108.6980, 41.2990, 61.0350



115.0620, -39.2420, -26.7140



66.7770, 2.2460, 3.3500



53.4750, 43.5450, 64.3850



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 93.4980, 26.4020, 39.1540 looks on a white background.

Color Contrast Check

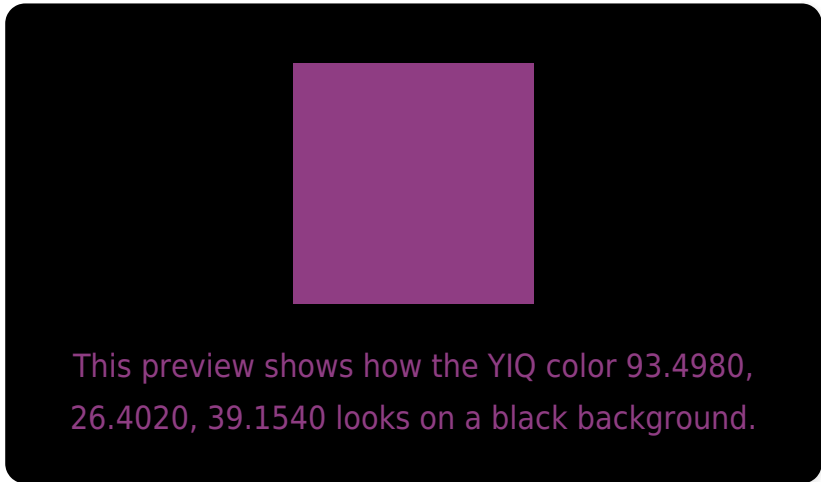
Large Text (above 18pt) WCAG AA ✓ Pass

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

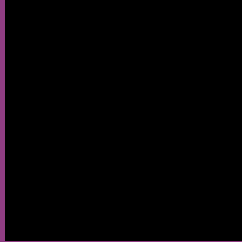
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.4980, 26.4020, 39.1540

Background



This preview shows how black text looks on a background with the YIQ color 93.4980, 26.4020, 39.1540.



This preview shows how white text looks on a background with the YIQ color 93.4980, 26.4020,

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

93.4980, 26.4020, 39.1540

Protanopia

90.9350, -35.7650, 14.9150

Deuteranopia

93.4840, -15.6820, 8.8780



Tritanopia

93.4070, 35.9430, 14.9110

Trichromacy



Original Color

93.4980, 26.4020, 39.1540

Protanomaly

91.8240, -13.1630, 23.8050

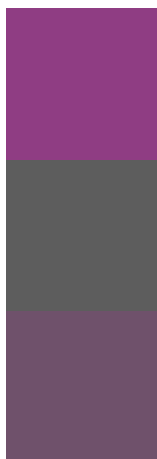
Deuteranomaly

93.5340, -0.7830, 19.7050

Tritanomaly

93.2360, 32.4110, 23.8590

Monochromacy



Original Color

93.4980, 26.4020, 39.1540

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.9340, 9.5340, 14.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.4980, 26.4020, 39.1540 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(143, 61, 131)` looks like.

```
.text, #text, p{  
    color:rgb(143, 61, 131)  
}
```

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(143, 61, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 61, 131) }
```

Border

The CSS property to change the border of an element to YIQ 93.4980, 26.4020, 39.1540 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(143, 61, 131) }
```


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

```
.border{ border-color:rgb(143, 61, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 61, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 61, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 61, 131); box-shadow:4px 4px 4px 4px rgb(143, 61, 131) }
```

Background

The CSS property to change the background color of an element to YIQ 93.4980, 26.4020, 39.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 61, 131) }
```

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

```
.background{ background-color: rgb(143, 61,  
131) }
```

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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