

# Converting Colors

YIQ(94.4490, 18.9300, 31.3940)

Have a look what the booklet for  
YIQ(94.4490, 18.9300, 31.3940)  
contains.

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# Color

**YIQ(94.4490, 18.9300,  
31.3940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84457F
RGB	132, 69, 127
RGB Percent	52%, 27%, 50%
CMY	0.4822, 0.7295, 0.5019
CMYK	0.00, 0.48, 0.04, 0.48
HSL	305°, 31%, 39%
HSV	305°, 48%, 52%
XYZ	15.4809, 10.6949, 21.3297
YIQ	94.4490, 18.9300, 31.3940

# Conversions

## Conversions Part 2

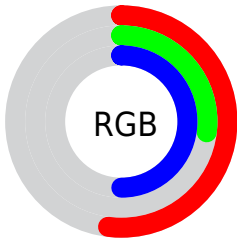
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 69, 127
Decimal	8668543
CIE Lab	39.06, 35.72, -21.22
CIE LCh	39, 41.551, 329.288
Yxy	10.6949, 0.3259, 0.2251
Android (android.graphics.Color)	4286858623 (0xFF84457F)
YUV	94.4490, 16.0476, 32.9322
Hunter-Lab	32.7030, 27.2678, -15.7782

# Details

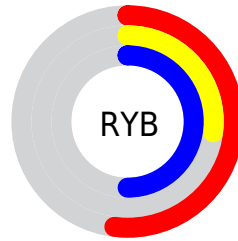
The YIQ color **94.4490, 18.9300, 31.3940** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **106.5510, -18.9300, -31.3940**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9870, 20.3510, 33.1750**, and **44.5520, 17.1420, 30.7580** is the 20% darker color. If you saturate the color by 10%, you get **86.7040, 22.8260, 37.8820**, and if you desaturate by 10%, it is **102.1940, 15.0340, 24.9060**.

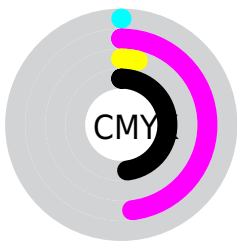
# Distribution



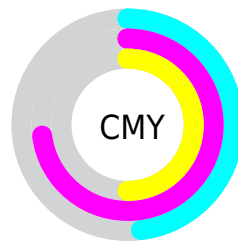
- Red (52%)
- Green (27%)
- Blue (50%)



- Red (52%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (73%)
- Yellow (50%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 94.4490, 18.9300, 31.3940 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 94.4490, 18.9300, 31.3940 by changing the saturation by 10% instead.



■ 94.4490, 18.9300,  
31.3940

■ 94.4490, 18.9300,  
31.3940

■ 255.0000, -0.0000,  
-0.0000

■ 69.7370, 18.0590,  
30.6590

■ 146.2860, 20.9470,  
33.3870

■ 44.8510, 17.7380,  
30.9700

■ 173.6990, 21.2220,  
33.9100

■ 23.0140, 15.7210,  
28.9770

■ 201.4110, 22.0930,  
34.6450

■ 14.5260, 10.8630,  
17.8950

■ 223.3020, 14.8500,  
28.2420

■ 0.6840, -1.9260,  
1.8660

■ 239.7380, 7.1500,  
13.5980

■ 0.0000, 0.0000,  
0.0000

■ 94.4490, 18.9300,  
31.3940

■ 94.4490, 18.9300,  
31.3940

■ 86.7040, 22.8260,  
37.8820

■ 102.1940, 15.0340,  
24.9060

■ 78.9590, 26.7220,  
44.3700

■ 109.9390, 11.1380,  
18.4180

■ 70.6270, 30.8930,  
51.3810

■ 118.2710, 6.9670,  
11.4070

■ 62.8820, 34.7890,  
57.8690

■ 126.0160, 3.0710,  
4.9190

■ 55.1370, 38.6850,  
64.3570

■ 133.7610, -0.8250,  
-1.5690


■ 53.2620, 39.8310,  
65.6150

■ 141.5060, -4.7210,  
-8.0570

■ 149.2510, -8.6170,  
-14.5450

■ 157.5830,

-12.7880, -21.5560

 165.4420,  
-17.0050, -27.7330

# Harmonies

## Analogous

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



93.1440, -17.0600, 22.8440



94.4490, 18.9300, 31.3940



91.0850, 43.3220, 29.8660

# Triad

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



94.4490, 18.9300, 31.3940



87.6580, 35.3530, -18.4630



77.5320, -69.5040, -17.9200

# Complementary

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



94.4490, 18.9300, 31.3940



106.5510, -18.9300, -31.3940

# 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.



73.6560, -58.5900, -28.4940



94.4490, 18.9300, 31.3940



84.9150, 9.4040, -27.2680

# Square

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



94.4490, 18.9300, 31.3940



89.6250, 49.2880, -1.1760



75.7930, -31.3550, -31.9870



78.1480, -76.7500, -7.7420



# Rectangle

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



94.4490, 18.9300, 31.3940



90.3490, 51.0260, 22.4020



75.7930, -31.3550, -31.9870



76.2780, -65.9730, -21.3410

# Sweetspot

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



94.4490, 18.9300, 31.3940



156.6840, 7.2420, 11.9300



77.3780, -17.8390, 20.4410



78.0810, 4.4460, 7.5340



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000



# Same Dimension

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



94.4490, 18.9300, 31.3940



112.5620, 29.5180, 48.7660



90.9150, 28.8810, 21.7530



62.4780, 1.6500, 3.1380



52.5500, 38.9600, 64.8800



1.1250, 1.1460, 1.2580



# Inverse Universe

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



94.4490, 18.9300, 31.3940



112.5620, 29.5180, 48.7660



110.0850, -28.8810, -21.7530



62.4780, 1.6500, 3.1380



52.5500, 38.9600, 64.8800

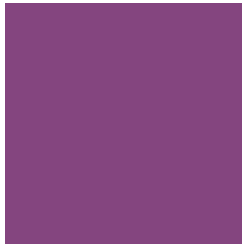


1.1250, 1.1460, 1.2580



# Previews

## White Background



This preview shows how the YIQ color 94.4490, 18.9300, 31.3940 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

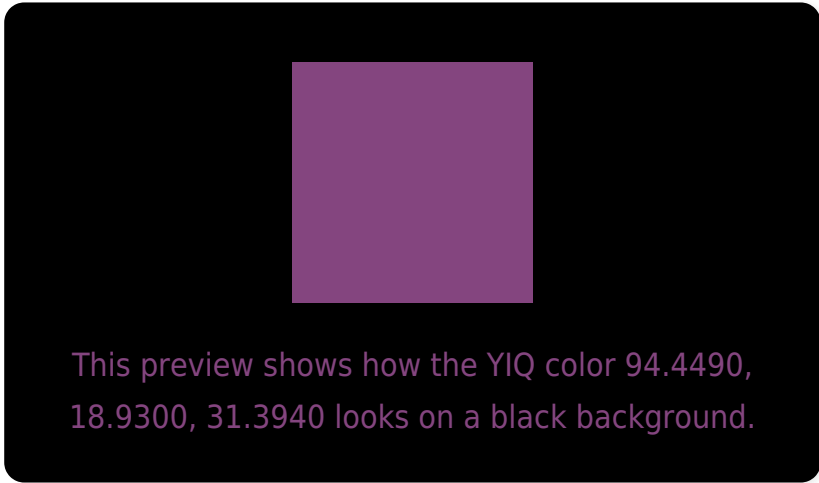
Any Text WCAG AA ✓ Pass

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

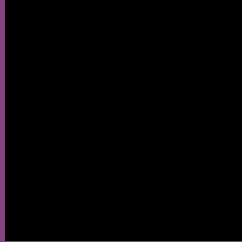
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 94.4490, 18.9300, 31.3940**

## **Background**



This preview shows how black text looks on a background with the YIQ color 94.4490, 18.9300, 31.3940.



This preview shows how white text looks on a background with the YIQ color 94.4490, 18.9300,



# 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

94.4490, 18.9300, 31.3940

### Protanopia

91.7740, -28.0620, 12.9780

### Deuteranopia

92.8540, -13.8480, 8.6800



## Tritanopia

94.0360, 26.6820, 12.0420

# Trichromacy



## Original Color

94.4490, 18.9300, 31.3940

## Protanomaly

92.5590, -11.0990, 19.4370

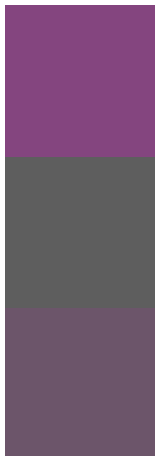
## Deuteranomaly

93.3550, -1.8370, 16.7790

## Tritanomaly

93.9960, 24.1590, 19.2230

# Monochromacy



## Original Color

94.4490, 18.9300, 31.3940

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.2710, 6.9670, 11.4070

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 94.4490, 18.9300, 31.3940 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(132, 69, 127)` looks like.

```
.text, #text, p{  
    color:rgb(132, 69, 127)  
}
```

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(132, 69, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 69, 127) }
```

## Border

The CSS property to change the border of an element to YIQ 94.4490, 18.9300, 31.3940 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(132, 69, 127) }
```



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

```
.border{ border-color:rgb(132, 69, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 69, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 69, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 69, 127);  
box-shadow:4px 4px 4px 4px rgb(132, 69,  
127) }
```

# Background

The CSS property to change the background color of an element to YIQ 94.4490, 18.9300, 31.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 69, 127) }
```

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

```
.background{ background-color: rgb(132, 69,  
127) }
```

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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