

# Converting Colors

YIQ(95.9100, 27.2770, 17.7810)

Have a look what the booklet for  
YIQ(95.9100, 27.2770, 17.7810)  
contains.

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# Color

**YIQ(95.9100, 27.2770,  
17.7810)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854D60
RGB	133, 77, 96
RGB Percent	52%, 30%, 38%
CMY	0.4783, 0.6981, 0.6234
CMYK	0.00, 0.42, 0.28, 0.48
HSL	340°, 27%, 41%
HSV	340°, 42%, 52%
XYZ	14.4434, 11.1390, 12.4609
YIQ	95.9100, 27.2770, 17.7810

# Conversions

## Conversions Part 2

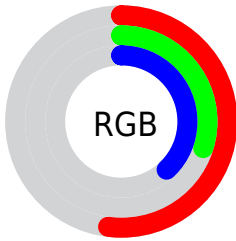
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 77, 96
Decimal	8736096
CIE Lab	39.81, 26.24, -0.87
CIE LCh	40, 26.256, 358.098
Yxy	11.1390, 0.3797, 0.2928
Android (android.graphics.Color)	4286926176 (0xFF854D60)
YUV	95.9100, 0.0444, 32.5279
Hunter-Lab	33.3751, 18.8409, 1.2262

# Details

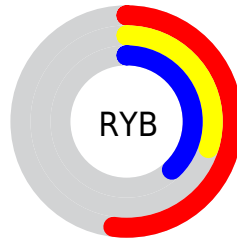
The YIQ color **95.9100, 27.2770, 17.7810** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.0900, -27.2770, -17.7810**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4050, 30.2570, 18.8410**, and **47.5290, 23.9760, 17.0320** is the 20% darker color. If you saturate the color by 10%, you get **87.2530, 33.7410, 21.7810**, and if you desaturate by 10%, it is **104.5670, 20.8130, 13.7810**.

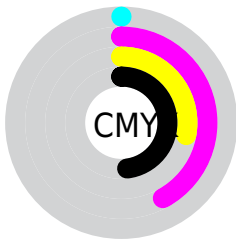
# Distribution



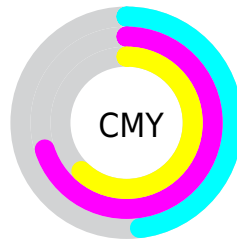
- Red (52%)
- Green (30%)
- Blue (38%)



- Red (52%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (48%)




- Cyan (48%)
- Magenta (70%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9100, 27.2770, 17.7810 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 95.9100, 27.2770, 17.7810 by changing the saturation by 10% instead.





 95.9100, 27.2770,  
17.7810


 95.9100, 27.2770,  
17.7810


255.0000, -0.0000,  
-0.0000


 71.3120, 26.0850,  
17.3570


 147.4050, 30.2570,  
18.8410


 47.5290, 23.9760,  
17.0320

 174.1170, 31.1280,  
19.5760


 24.4580, 22.7380,  
17.4420

 201.7150, 32.3200,  
20.0000

 11.8890, 22.6020,  
8.8900

 224.3330, 21.5920,  
16.1840

 0.0000, 0.0000,  
0.0000

 244.4340, 4.9500,  
9.4140

■ 95.9100, 27.2770,  
17.7810

■ 95.9100, 27.2770,  
17.7810

■ 87.2530, 33.7410,  
21.7810

■ 104.5670, 20.8130,  
13.7810

■ 78.0090, 40.4800,  
26.3040

■ 113.8110, 14.0740,  
9.2580

■ 69.4660, 46.6230,  
30.6150

■ 122.3540, 7.9310,  
4.9470

■ 60.8090, 53.0870,  
34.6150

■ 131.0110, 1.4670,  
0.9470

■ 51.5650, 59.8260,  
39.1380

■ 139.6680, -4.9970,  
-3.0530


■ 44.8970, 64.8230,  
42.1910

■ 148.9120,  
-11.7360, -7.5760

■ 157.5690,  
-18.2000, -11.5760

■ 166.1120,

-24.3430, -15.8870

 175.3560,  
-31.0820, -20.4100

# Harmonies

## Analogous

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



96.4660, 11.0920, 19.2520



95.9100, 27.2770, 17.7810



94.7010, 34.9350, 11.1510

# Triad

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



95.9100, 27.2770, 17.7810



90.3960, 6.9720, -16.2280



77.3850, -64.4160, -11.0080

# Complementary

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



95.9100, 27.2770, 17.7810



114.0900, -27.2770, -17.7810

# 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.



74.5170, -65.1480, -19.7720



95.9100, 27.2770, 17.7810



86.6800, -14.4390, -19.1670

# Square

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



95.9100, 27.2770, 17.7810



92.4090, 23.2930, -9.1470



80.7940, -41.1230, -20.1550



89.4970, -34.8920, 4.5960



# Rectangle

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



95.9100, 27.2770, 17.7810



94.1860, 34.7070, 4.2670



80.7940, -41.1230, -20.1550



74.7110, -68.4500, -14.9940

# Sweetspot

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



95.9100, 27.2770, 17.7810



158.4900, 10.5440, 7.1520



94.1480, 3.4800, 25.0480



77.7560, 6.7390, 4.5230



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.



95.9100, 27.2770, 17.7810



114.7320, 42.8180, 27.9860



98.4400, 31.1760, 7.6880



62.0220, 2.9340, 1.8940



43.8860, 63.3560, 41.2440



1.0110, 1.4670, 0.9470



# Inverse Universe

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



95.9100, 27.2770, 17.7810



114.7320, 42.8180, 27.9860



111.5600, -31.1760, -7.6880



62.0220, 2.9340, 1.8940



43.8860, 63.3560, 41.2440

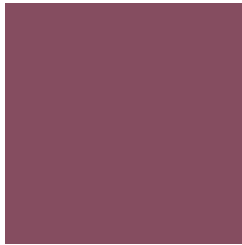


1.0110, 1.4670, 0.9470



# Previews

## White Background



This preview shows how the YIQ color 95.9100, 27.2770, 17.7810 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

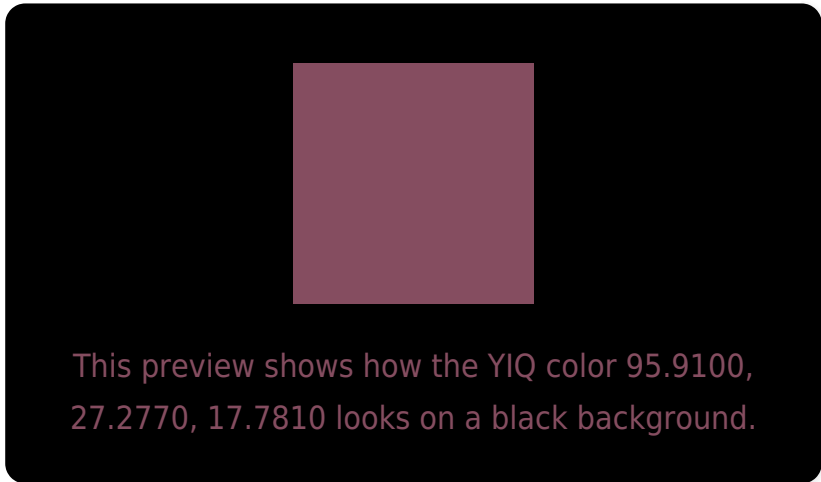
Any Text WCAG AA ✓ Pass

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

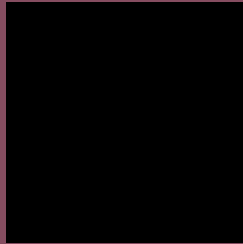
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 95.9100, 27.2770, 17.7810

## Background



This preview shows how black text looks on a background with the YIQ color 95.9100, 27.2770, 17.7810.



This preview shows how white text looks on a background with the YIQ color 95.9100, 27.2770,



# 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

95.9100, 27.2770, 17.7810

### Protanopia

94.7700, -5.0440, 3.3080

### Deuteranopia

95.2290, 6.7850, 3.6890



## Tritanopia

95.5310, 29.6620, 13.1020

# Trichromacy



## Original Color

95.9100, 27.2770, 17.7810

## Protanomaly

95.2770, 6.8300, 8.3820

## Deuteranomaly

95.6970, 14.3950, 8.9470

## Tritanomaly

95.4000, 28.6530, 14.8690

# Monochromacy



## Original Color

95.9100, 27.2770, 17.7810

## Achromatopsia

96.0000, -0.0000, 0.0000

## Achromatomaly

95.7780, 9.6730, 6.4170

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.9100, 27.2770, 17.7810 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(133, 77, 96)` looks like.

```
.text, #text, p{  
    color:rgb(133, 77, 96)  
}
```

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(133, 77, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 77, 96) }
```

## Border

The CSS property to change the border of an element to YIQ 95.9100, 27.2770, 17.7810 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(133, 77, 96) }
```



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

```
.border{ border-color:rgb(133, 77, 96) }
```

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

Here you see how a box with a 4 pixel rgb(133, 77, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 77, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 77, 96);  
box-shadow:4px 4px 4px 4px rgb(133, 77,  
96) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.9100, 27.2770, 17.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 77, 96) }
```

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

```
.background{ background-color: rgb(133, 77,  
96) }
```

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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