

# Converting Colors

YIQ(128.9430, 13.3420, 0.4940)

Have a look what the booklet for  
YIQ(128.9430, 13.3420, 0.4940)  
contains.

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# Color

**YIQ(128.9430, 13.3420,  
0.4940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E7D73
RGB	142, 125, 115
RGB Percent	56%, 49%, 45%
CMY	0.4431, 0.5098, 0.5490
CMYK	0.00, 0.12, 0.19, 0.44
HSL	22°, 11%, 50%
HSV	22°, 19%, 56%
XYZ	21.5849, 21.6551, 19.2665
YIQ	128.9430, 13.3420, 0.4940

# Conversions

## Conversions Part 2

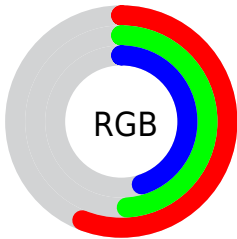
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 131, 115
Decimal	9338227
CIE <sub>Lab</sub>	53.66, 4.80, 7.82
CIE <sub>LCh</sub>	54, 9.174, 58.472
Yxy	21.6551, 0.3453, 0.3464
Android (android.graphics.Color)	4287528307 (0xFF8E7D73)
YUV	128.9430, -6.8739, 11.4510
Hunter-Lab	46.5351, 1.3595, 8.0272

# Details

The YIQ color  $128.9430, 13.3420, 0.4940$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $128.0570, -13.3420, -0.4940$ , and the grayscale version is  $129.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $182.1280, 14.2590, 0.3950$ , and  $79.4590, 11.8290, 0.3810$  is the 20% darker color. If you saturate the color by 10%, you get  $122.0640, 20.3110, 0.8470$ , and if you desaturate by 10%, it is  $135.8220, 6.3730, 0.1410$ .

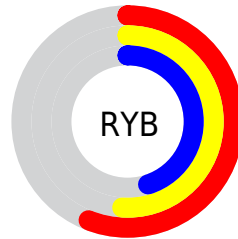
# Distribution



Red (56%)

Green (49%)

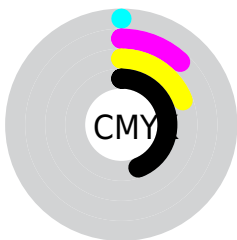
Blue (45%)



Red (56%)

Yellow (51%)

Blue (45%)

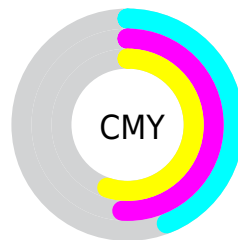


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (51%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9430, 13.3420, 0.4940 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 128.9430, 13.3420, 0.4940 by changing the saturation by 10% instead.



■ 128.9430, 13.3420,  
0.4940

■ 128.9430, 13.3420,  
0.4940

255.0000, -0.0000,  
-0.0000

■ 103.6440, 12.7460,  
0.2820

■ 182.1280, 14.2590,  
0.3950

■ 79.4590, 11.8290,  
0.3810

■ 209.4270, 14.8550,  
0.6070

■ 56.5730, 11.5080,  
0.6920

■ 237.7260, 15.4510,  
0.8190

■ 34.9750, 10.3160,  
0.2680

254.5440, 1.2840,  
-1.2440

■ 13.0570, 13.0210,  
0.8050

■ 0.0000, 0.0000,  
0.0000

■ 128.9430, 13.3420,  
0.4940

■ 128.9430, 13.3420,  
0.4940

■ 122.0640, 20.3110,  
0.8470

■ 135.8220, 6.3730,  
0.1410

■ 115.1850, 27.2800,  
1.2000

■ 142.7010, -0.5960,  
-0.2120

■ 108.1920, 34.5700,  
1.2420

■ 149.6940, -7.8860,  
-0.2540

■ 101.3130, 41.5390,  
1.5950

■ 156.5730,  
-14.8550, -0.6070

■ 94.4340, 48.5080,  
1.9480

■ 163.4520,  
-21.8240, -0.9600

■ 87.5550, 55.4770,  
2.3010

■ 170.3310,  
-28.7930, -1.3130

■ 80.6760, 62.4460,  
2.6540

■ 177.2100,  
-35.7620, -1.6660

■ 73.6830, 69.7360,

■ 184.2030,

2.6960

-43.0520, -1.7080

■ 73.5690, 70.0570,  
2.3850

■ 191.0820,  
-50.0210, -2.0610

# Harmonies

## Analogous

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



129.3500, 13.7540, 4.0420



128.9430, 13.3420, 0.4940



127.7960, 9.2620, -2.6580

# Triad

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



128.9430, 13.3420, 0.4940



125.7380, -11.1860, -6.5300



128.7210, -3.3480, 5.6120

# Complementary

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



128.9430, 13.3420, 0.4940



128.0570, -13.3420, -0.4940

# 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.



127.7200, -10.7750, 2.5450



128.9430, 13.3420, 0.4940



125.7530, -15.5420, -4.6780

# Square

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



128.9430, 13.3420, 0.4940



126.1470, -5.0880, -6.9120



126.4590, -14.5340, -0.9180



129.6680, 4.1710, 7.0110



# Rectangle

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



128.9430, 13.3420, 0.4940



127.1760, 5.1360, -4.9760



126.4590, -14.5340, -0.9180



128.5250, -5.7320, 4.7640

# Sweetspot

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



128.9430, 13.3420, 0.4940



178.6370, 5.4560, 0.2400



125.0110, 10.6350, 11.0110



88.8540, 3.3470, -0.0850



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.



128.9430, 13.3420, 0.4940



163.2490, 21.2280, 0.7480



136.5740, 9.7670, -6.3050



67.8540, 3.3470, -0.0850



69.7150, 66.7100, 2.4700



4.1530, 3.9430, 0.1270



# Inverse Universe

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



128.0570, -13.3420, -0.4940



161.7510, -21.2280, -0.7480



120.4260, -9.7670, 6.3050



67.7330, -3.6220, -0.4380



65.2850, -66.7100, -2.4700



3.8470, -3.9430, -0.1270



# Previews

## White Background



This preview shows how the YIQ color 128.9430, 13.3420, 0.4940 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

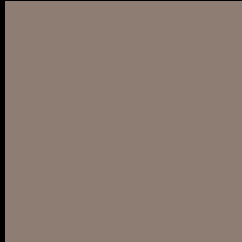
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 128.9430, 13.3420, 0.4940 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

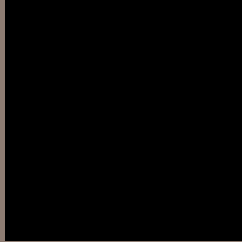
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 128.9430, 13.3420, 0.4940

## Background



This preview shows how black text looks on a background with the YIQ color 128.9430, 13.3420, 0.4940.



This preview shows how white text looks on a background with the YIQ color 128.9430, 13.3420,

0.4940.

# 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

128.9430, 13.3420, 0.4940

### Protanopia

128.2410, 6.5110, -2.3610

### Deuteranopia

129.2530, 15.4050, 1.6530



## Tritanopia

129.7180, 9.9020, 7.7740

# Trichromacy



## Original Color

128.9430, 13.3420, 0.4940

## Protanomaly

128.4370, 8.8950, -1.5130

## Deuteranomaly

128.9540, 14.8090, 1.4410

## Tritanomaly

129.3220, 10.9570, 5.1730

# Monochromacy



## Original Color

128.9430, 13.3420, 0.4940

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.3380, 4.8600, 0.0280

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 128.9430, 13.3420, 0.4940 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(142, 125, 115)` looks like.

```
.text, #text, p{  
    color:rgb(142, 125, 115)  
}
```

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(142, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 125, 115) }
```

## Border

The CSS property to change the border of an element to YIQ 128.9430, 13.3420, 0.4940 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(142, 125, 115) }
```



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

```
.border{ border-color:rgb(142, 125, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 125, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 125, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 125, 115);  
box-shadow:4px 4px 4px 4px rgb(142, 125,  
115) }
```

# Background

The CSS property to change the background color of an element to YIQ 128.9430, 13.3420, 0.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 125, 115) }
```

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

```
.background{ background-color: rgb(142,  
125, 115) }
```

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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