

# Converting Colors

YIQ(140.1450, 24.7570, 8.3810)

Have a look what the booklet for  
YIQ(140.1450, 24.7570, 8.3810)  
contains.

<b>YIQ(140.1450, 24.7570, 8.3810)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(140.1450, 24.7570,  
8.3810)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9807F
RGB	169, 128, 127
RGB Percent	66%, 50%, 50%
CMY	0.3372, 0.4981, 0.5019
CMYK	0.00, 0.24, 0.25, 0.34
HSL	1°, 20%, 58%
HSV	1°, 25%, 66%
XYZ	27.9168, 25.4046, 23.5195
YIQ	140.1450, 24.7570, 8.3810

# Conversions

## Conversions Part 2

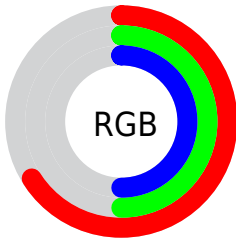
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 128, 127
Decimal	11108479
CIE <sub>Lab</sub>	57.47, 15.69, 6.67
CIE <sub>LCh</sub>	57, 17.050, 23.017
Yxy	25.4046, 0.3633, 0.3306
Android (android.graphics.Color)	4289298559 (0xFFA9807F)
YUV	140.1450, -6.4805, 25.3058
Hunter-Lab	50.4029, 10.6612, 7.6156

# Details

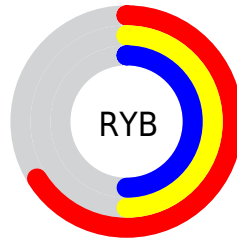
The YIQ color **140.1450, 24.7570, 8.3810** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **155.8550, -24.7570, -8.3810**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0420, 26.5450, 9.0170**, and **89.9490, 22.3730, 7.5330** is the 20% darker color. If you saturate the color by 10%, you get **128.2280, 34.8890, 11.9850**, and if you desaturate by 10%, it is **152.0620, 14.6250, 4.7770**.

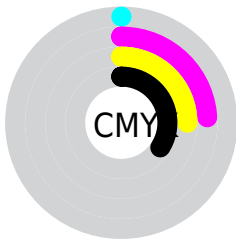
# Distribution



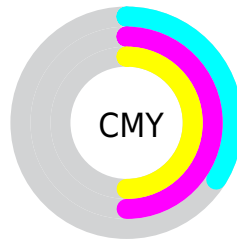
- Red (66%)
- Green (50%)
- Blue (50%)



- Red (66%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (25%)
- Black (34%)




- Cyan (34%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.1450, 24.7570, 8.3810 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 140.1450, 24.7570, 8.3810 by changing the saturation by 10% instead.





 140.1450, 24.7570,  
8.3810


 140.1450, 24.7570,  
8.3810


255.0000, -0.0000,  
-0.0000


 114.5470, 23.5650,  
7.9570


 194.0420, 26.5450,  
9.0170


 89.9490, 22.3730,  
7.5330


 222.2270, 27.4620,  
8.9180

 65.7640, 21.4560,  
7.6320

 242.1540, 11.3700,  
3.1940

 43.5680, 19.0720,  
6.7840

 21.8560, 18.2010,  
6.0490

 3.5880, 7.1520,  
2.5440

 0.0000, 0.0000,

0.0000

■ 140.1450, 24.7570,  
8.3810

■ 140.1450, 24.7570,  
8.3810

■ 128.2280, 34.8890,  
11.9850

■ 152.0620, 14.6250,  
4.7770

■ 116.8980, 44.7460,  
15.0660

■ 163.3920, 4.7680,  
1.6960

■ 104.9810, 54.8780,  
18.6700

■ 175.3090, -5.3640,  
-1.9080

■ 93.6510, 64.7350,  
21.7510

■ 186.6390,  
-15.2210, -4.9890

■ 81.8480, 74.5460,  
25.6660

■ 198.5560,  
-25.3530, -8.5930

■ 70.5180, 84.4030,  
28.7470

■ 209.7720,  
-34.8890, -11.9850

■ 58.6010, 94.5350,  
32.3510

■ 221.6890,  
-45.0210, -15.5890

■ 52.8790, 99.6240,  
33.7360

■ 229.2860,  
-51.2560, -18.2320

# Harmonies

## Analogous

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



140.9580, 18.1540, 12.4100



140.1450, 24.7570, 8.3810



139.0430, 24.8040, 2.0200

# Triad

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



140.1450, 24.7570, 8.3810



134.0880, -6.6000, -12.5520



135.9020, -22.9710, 3.3090

# Complementary

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



140.1450, 24.7570, 8.3810



155.8550, -24.7570, -8.3810

# 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.



133.0810, -31.0850, -3.8290



140.1450, 24.7570, 8.3810



132.3730, -20.5840, -12.4240

# Square

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



140.1450, 24.7570, 8.3810



136.2700, 7.5670, -10.4890



131.6910, -30.1670, -9.4550



138.7190, -9.0340, 9.5420



# Rectangle

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



140.1450, 24.7570, 8.3810



138.1410, 21.4120, -2.5880



131.6910, -30.1670, -9.4550



135.1680, -26.7760, 0.6800

# Sweetspot

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



140.1450, 24.7570, 8.3810



208.4850, 8.9400, 3.1800



144.2320, 11.8710, 21.6550



103.6910, 5.3640, 1.9080



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



140.1450, 24.7570, 8.3810



174.0220, 38.4650, 13.2570



152.4720, 18.9820, -2.6020



78.3920, 4.7680, 1.6960



46.0130, 87.3830, 29.8070



5.9800, 11.9200, 4.2400



# Inverse Universe

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



155.8550, -24.7570, -8.3810



198.9780, -38.4650, -13.2570



143.5280, -18.9820, 2.6020



81.6080, -4.7680, -1.6960



101.9870, -87.3830, -29.8070



14.0200, -11.9200, -4.2400



# Previews

## White Background



This preview shows how the YIQ color 140.1450, 24.7570, 8.3810 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 140.1450, 24.7570, 8.3810 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 140.1450, 24.7570, 8.3810

## Background



This preview shows how black text looks on a background with the YIQ color 140.1450, 24.7570, 8.3810.



This preview shows how white text looks on a background with the YIQ color 140.1450, 24.7570,



# 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

140.1450, 24.7570, 8.3810

### Protanopia

138.5120, 4.3100, -1.0180

### Deuteranopia

139.0790, 15.9550, 2.6990



## Tritanopia

140.8830, 22.7390, 11.9150

# Trichromacy



## Original Color

140.1450, 24.7570, 8.3810

## Protanomaly

138.9260, 12.0120, 2.5720

## Deuteranomaly

139.4000, 19.4850, 4.8050

## Tritanomaly

140.5410, 23.7020, 10.9820

# Monochromacy



## Original Color

140.1450, 24.7570, 8.3810

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

140.3710, 9.2610, 2.8690

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.1450, 24.7570, 8.3810 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(169, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(169, 128, 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(169, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 128, 127) }
```

## Border

The CSS property to change the border of an element to YIQ 140.1450, 24.7570, 8.3810 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(169, 128, 127) }
```



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

```
.border{ border-color:rgb(169, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(169, 128,  
127) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.1450, 24.7570, 8.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 128, 127) }
```

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

```
.background{ background-color: rgb(169,  
128, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor