

# Converting Colors

YIQ(140.2070, 3.8510, 1.7950)

Have a look what the booklet for  
YIQ(140.2070, 3.8510, 1.7950)  
contains.

<b>YIQ(140.2070, 3.8510, 1.7950)</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(140.2070, 3.8510,  
1.7950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	918A8B
RGB	145, 138, 139
RGB Percent	57%, 54%, 55%
CMY	0.4314, 0.4588, 0.4549
CMYK	0.00, 0.05, 0.04, 0.43
HSL	351°, 3%, 55%
HSV	351°, 5%, 57%
XYZ	25.4264, 26.0604, 28.1176
YIQ	140.2070, 3.8510, 1.7950

# Conversions

## Conversions Part 2

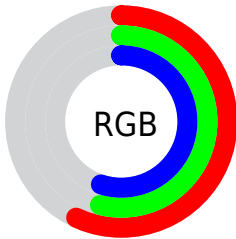
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 138, 139
Decimal	9538187
CIE <sub>Lab</sub>	58.09, 2.80, 0.39
CIE <sub>LCh</sub>	58, 2.825, 7.897
Yxy	26.0604, 0.3194, 0.3274
Android (android.graphics.Color)	4287728267 (0xFF918A8B)
YUV	140.2070, -0.5951, 4.2035
Hunter-Lab	51.0494, -0.4304, 3.0782

# Details

The YIQ color  $140.2070, 3.8510, 1.7950$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $142.7930, -3.8510, -1.7950$ , and the grayscale version is  $140.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $193.5060, 4.4470, 2.0070$ , and  $90.2070, 3.8510, 1.7950$  is the 20% darker color. If you saturate the color by 10%, you get  $130.6210, 11.5530, 5.3850$ , and if you desaturate by 10%, it is  $150.3800, -4.1260, -2.3180$ .

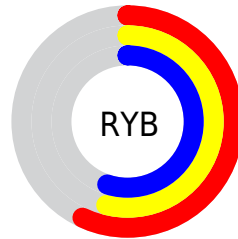
# Distribution



Red (57%)

Green (54%)

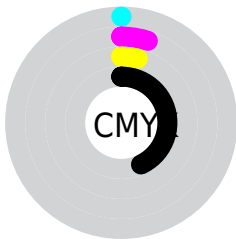
Blue (55%)



Red (57%)

Yellow (54%)

Blue (55%)

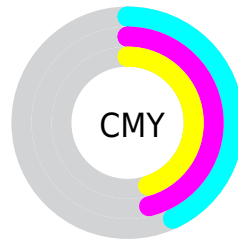


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.2070, 3.8510, 1.7950 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 140.2070, 3.8510, 1.7950 by changing the saturation by 10% instead.



■ 140.2070, 3.8510,  
1.7950

■ 140.2070, 3.8510,  
1.7950

255.0000, -0.0000,  
-0.0000

■ 114.9080, 3.2550,  
1.5830

■ 193.5060, 4.4470,  
2.0070

■ 90.2070, 3.8510,  
1.7950

■ 221.5060, 4.4470,  
2.0070

■ 66.9080, 3.2550,  
1.5830

■ 250.2070, 3.8510,  
1.7950

■ 44.9080, 3.2550,  
1.5830

■ 23.9080, 3.2550,  
1.5830

■ 0.0000, 0.0000,  
0.0000

■ 140.2070, 3.8510,  
1.7950

■ 140.2070, 3.8510,  
1.7950

■ 130.6210, 11.5530,  
5.3850

■ 150.3800, -4.1260,  
-2.3180

■ 120.3340, 19.8510,  
9.1870

■ 160.0800,  
-12.1490, -5.5970

■ 110.1610, 27.8280,  
13.3000

■ 170.2530,  
-20.1260, -9.7100

■ 100.4610, 35.8510,  
16.5790

■ 179.9530,  
-28.1490, -12.9890

■ 90.2880, 43.8280,  
20.6920

■ 190.1260,  
-36.1260, -17.1020

■ 80.5880, 51.8510,  
23.9710

■ 199.8260,  
-44.1490, -20.3810

■ 70.4150, 59.8280,  
28.0840

■ 209.9990,  
-52.1260, -24.4940

■ 60.8290, 67.5300,

■ 219.5850,

31.6740

-59.8280, -28.0840

■ 50.5420, 75.8280,  
35.4760

■ 221.6540,  
-64.2760, -24.5640

# Harmonies

## Analogous

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



140.2500, 2.2920, 2.5160



140.2070, 3.8510, 1.7950



139.9790, 4.4930, 1.1730

# Triad

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



140.2070, 3.8510, 1.7950



138.9460, 0.0920, -1.6680



138.9610, -4.2640, 0.1840

# Complementary

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



140.2070, 3.8510, 1.7950



142.7930, -3.8510, -1.7950

# 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.



139.1350, -4.8140, -0.8620



140.2070, 3.8510, 1.7950



139.1630, -2.0170, -1.9930

# Square

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



140.2070, 3.8510, 1.7950



139.7290, 2.2010, -1.3430



138.7930, -3.8510, -1.7950



139.8580, -2.4760, 0.8200



# Rectangle

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



140.2070, 3.8510, 1.7950



140.0390, 4.2640, -0.1840



138.7930, -3.8510, -1.7950



139.5480, -4.5390, -0.3390

# Sweetspot

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



140.2070, 3.8510, 1.7950



187.5980, 1.1920, 0.4240



140.5920, 1.3290, 3.4490



93.4130, 0.2750, 0.5230



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.



140.2070, 3.8510, 1.7950



180.8160, 6.5100, 3.1660



141.2670, 3.6220, 0.4380



67.6090, 2.6590, 1.3710



42.5310, 74.3610, 34.5290



2.5060, 4.4470, 2.0070



# Inverse Universe

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



140.2070, 3.8510, 1.7950



180.8160, 6.5100, 3.1660



141.7330, -3.6220, -0.4380



67.6090, 2.6590, 1.3710



42.5310, 74.3610, 34.5290



2.5060, 4.4470, 2.0070



# Previews

## White Background



This preview shows how the YIQ color 140.2070, 3.8510, 1.7950 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 140.2070, 3.8510, 1.7950 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 140.2070, 3.8510, 1.7950**

## **Background**



This preview shows how black text looks on a background with the YIQ color 140.2070, 3.8510, 1.7950.



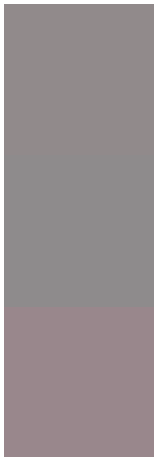
This preview shows how white text looks on a background with the YIQ color 140.2070, 3.8510,

1.7950.

# 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

140.2070, 3.8510, 1.7950

### Protanopia

140.0110, 1.4670, 0.9470

### Deuteranopia

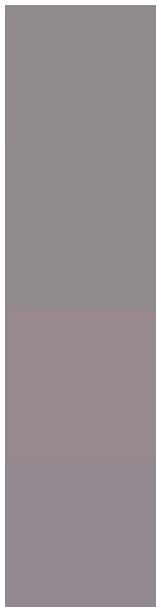
140.9520, 9.1230, 5.3710



## Tritanopia

140.8310, 2.1540, 5.0180

# Trichromacy



## Original Color

140.2070, 3.8510, 1.7950

## Protanomaly

140.3100, 2.0630, 1.1590

## Deuteranomaly

140.6420, 7.0600, 4.2120

## Tritanomaly

140.4890, 3.1170, 4.0850

# Monochromacy



## Original Color

140.2070, 3.8510, 1.7950

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

140.0110, 1.4670, 0.9470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.2070, 3.8510, 1.7950 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(145, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 139)  
}
```

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(145, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 139) }
```

## Border

The CSS property to change the border of an element to YIQ 140.2070, 3.8510, 1.7950 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(145, 138, 139) }
```



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

```
.border{ border-color:rgb(145, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
139) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.2070, 3.8510, 1.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 139) }
```

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

```
.background{ background-color: rgb(145,  
138, 139) }
```

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