

# Converting Colors

YIQ(136.8860, 9.4890, 9.7530)

Have a look what the booklet for  
YIQ(136.8860, 9.4890, 9.7530)  
contains.

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# Color

**YIQ(136.8860, 9.4890,  
9.7530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98808F
RGB	152, 128, 143
RGB Percent	60%, 50%, 56%
CMY	0.4039, 0.4981, 0.4392
CMYK	0.00, 0.16, 0.06, 0.40
HSL	323°, 10%, 55%
HSV	323°, 16%, 60%
XYZ	25.6284, 24.0961, 29.2895
YIQ	136.8860, 9.4890, 9.7530

# Conversions

## Conversions Part 2

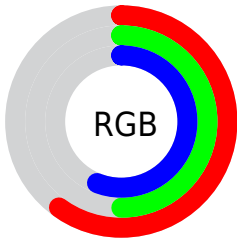
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 128, 143
Decimal	9994383
CIELab	56.18, 11.88, -4.65
CIElCh	56, 12.761, 338.624
Yxy	24.0961, 0.3244, 0.3050
Android (android.graphics.Color)	4288184463 (0xFF98808F)
YUV	136.8860, 3.0142, 13.2550
Hunter-Lab	49.0878, 7.2898, -1.0154

# Details

The YIQ color  $136.8860, 9.4890, 9.7530$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $143.1140, -9.4890, -9.7530$ , and the grayscale version is  $137.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $190.2990, 9.7640, 10.2760$ , and  $87.1740, 8.6180, 9.0180$  is the 20% darker color. If you saturate the color by 10%, you get  $127.3970, 15.5400, 15.7320$ , and if you desaturate by 10%, it is  $146.3750, 3.4380, 3.7740$ .

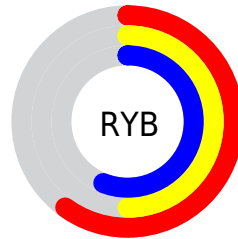
# Distribution



Red (60%)

Green (50%)

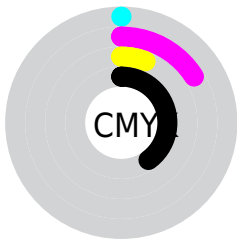
Blue (56%)



Red (60%)

Yellow (50%)

Blue (56%)

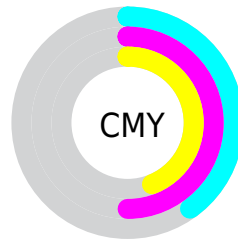


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (50%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8860, 9.4890, 9.7530 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 136.8860, 9.4890, 9.7530 by changing the saturation by 10% instead.



■ 136.8860, 9.4890,  
9.7530

■ 136.8860, 9.4890,  
9.7530

255.0000, -0.0000,  
-0.0000

■ 111.4730, 9.2140,  
9.2300

■ 190.2990, 9.7640,  
10.2760

■ 87.1740, 8.6180,  
9.0180

■ 218.0110, 10.6350,  
11.0110

■ 63.7610, 8.3430,  
8.4950

■ 244.2060, 5.5920,  
8.7920

■ 41.4620, 7.7470,  
8.2830

■ 20.1630, 7.1510,  
8.0710

■ 0.0000, 0.0000,  
0.0000

136.8860, 9.4890,  
9.7530

136.8860, 9.4890,  
9.7530

127.3970, 15.5400,  
15.7320

146.3750, 3.4380,  
3.7740

118.0220, 21.2700,  
22.0220

155.7500, -2.2920,  
-2.5160

107.9460, 27.5960,  
28.5240

165.8260, -8.6180,  
-9.0180

98.4570, 33.6470,  
34.5030

175.3150,  
-14.6690, -14.9970

89.0820, 39.3770,  
40.7930

184.8040,  
-20.7200, -20.9760

79.5930, 45.4280,  
46.7720

194.1790,  
-26.4500, -27.2660

70.1040, 51.4790,  
52.7510

203.6680,  
-32.5010, -33.2450

60.0280, 57.8050,

213.7440,

59.2530

-38.8270, -39.7470

■ 56.2780, 60.0970,  
61.7690

■ 217.2490,  
-41.8070, -40.8070

# Harmonies

## Analogous

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



136.3840, -0.7810, 8.6510



136.8860, 9.4890, 9.7530



136.8390, 16.8710, 8.1270

# Triad

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



136.8860, 9.4890, 9.7530



133.9870, 10.0420, -5.7820



130.7460, -22.8320, -4.7200

# Complementary

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



136.8860, 9.4890, 9.7530



143.1140, -9.4890, -9.7530

# 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.



130.4920, -19.3010, -8.1410



136.8860, 9.4890, 9.7530



132.6160, 0.7810, -8.6510

# Square

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



136.8860, 9.4890, 9.7530



135.0420, 17.3770, -1.0470



131.2280, -9.8100, -9.4420



132.7620, -19.7610, 0.1990



# Rectangle

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



136.8860, 9.4890, 9.7530



136.6280, 18.8430, 5.4270



131.2280, -9.8100, -9.4420



130.9910, -22.1440, -6.1760

# Sweetspot

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



136.8860, 9.4890, 9.7530



190.3750, 3.4380, 3.7740



133.4270, -2.3400, 9.3720



95.2500, 2.2920, 2.5160



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



136.8860, 9.4890, 9.7530



172.6850, 14.6690, 14.9970



135.5180, 13.3410, 6.0210



71.9620, 3.1630, 3.2510



51.8920, 55.1920, 57.0480



4.7990, 5.1800, 5.2440



# Inverse Universe

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



136.8860, 9.4890, 9.7530



172.6850, 14.6690, 14.9970



144.4820, -13.3410, -6.0210



71.9620, 3.1630, 3.2510



51.8920, 55.1920, 57.0480



4.7990, 5.1800, 5.2440



# Previews

## White Background



This preview shows how the YIQ color 136.8860, 9.4890, 9.7530 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 136.8860, 9.4890, 9.7530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

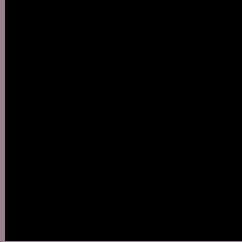
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 136.8860, 9.4890, 9.7530**

## **Background**



This preview shows how black text looks on a background with the YIQ color 136.8860, 9.4890, 9.7530.



This preview shows how white text looks on a background with the YIQ color 136.8860, 9.4890,



# 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

136.8860, 9.4890, 9.7530

### Protanopia

135.4820, -4.1730, 4.0430

### Deuteranopia

136.1410, 4.2170, 6.1770



## Tritanopia

136.7180, 9.9020, 7.7740

# Trichromacy



## Original Color

136.8860, 9.4890, 9.7530

## Protanomaly

136.2870, 0.8700, 6.2620

## Deuteranomaly

136.4510, 6.2800, 7.3360

## Tritanomaly

136.8320, 9.5810, 8.0850

# Monochromacy



## Original Color

136.8860, 9.4890, 9.7530

## Achromatopsia

137.0000, -0.0000, 0.0000

## Achromatomaly

136.9620, 3.1630, 3.2510

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 136.8860, 9.4890, 9.7530 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(152, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 128, 143)  
}
```

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(152, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 128, 143) }
```

## Border

The CSS property to change the border of an element to YIQ 136.8860, 9.4890, 9.7530 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(152, 128, 143) }
```



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

```
.border{ border-color:rgb(152, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 128,  
143) }
```

# Background

The CSS property to change the background color of an element to YIQ 136.8860, 9.4890, 9.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 128, 143) }
```

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

```
.background{ background-color: rgb(152,  
128, 143) }
```

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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