

# Converting Colors

YIQ(143.8720, 12.1040, 0.9040)

Have a look what the booklet for  
YIQ(143.8720, 12.1040, 0.9040)  
contains.

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# Color

**YIQ(143.8720, 12.1040,  
0.9040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8C84
RGB	156, 140, 132
RGB Percent	61%, 55%, 52%
CMY	0.3882, 0.4510, 0.4823
CMYK	0.00, 0.10, 0.15, 0.39
HSL	20°, 11%, 56%
HSV	20°, 15%, 61%
XYZ	27.2548, 27.4893, 25.7042
YIQ	143.8720, 12.1040, 0.9040

# Conversions

## Conversions Part 2

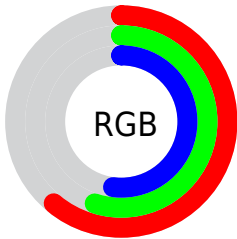
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 144, 132
Decimal	10259588
CIE Lab	59.42, 4.61, 6.43
CIE LCh	59, 7.915, 54.386
Yxy	27.4893, 0.3388, 0.3417
Android (android.graphics.Color)	4288449668 (0xFF9C8C84)
YUV	143.8720, -5.8529, 10.6363
Hunter-Lab	52.4302, 1.0369, 7.6339

# Details

The YIQ color  $143.8720, 12.1040, 0.9040$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $144.1280, -12.1040, -0.9040$ , and the grayscale version is  $144.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $198.0570, 13.0210, 0.8050$ , and  $93.6870, 11.1870, 1.0030$  is the 20% darker color. If you saturate the color by 10%, you get  $136.1780, 19.9900, 1.1580$ , and if you desaturate by 10%, it is  $151.5660, 4.2180, 0.6500$ .

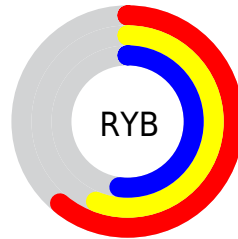
# Distribution



Red (61%)

Green (55%)

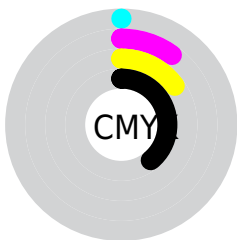
Blue (52%)



Red (61%)

Yellow (56%)

Blue (52%)

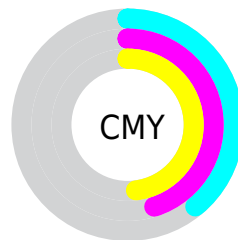


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.8720, 12.1040, 0.9040 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 143.8720, 12.1040, 0.9040 by changing the saturation by 10% instead.



■ 143.8720, 12.1040,  
0.9040

■ 143.8720, 12.1040,  
0.9040

255.0000, -0.0000,  
-0.0000

■ 118.5730, 11.5080,  
0.6920

■ 198.0570, 13.0210,  
0.8050

■ 93.6870, 11.1870,  
1.0030

■ 225.4700, 13.2960,  
1.3280

■ 70.0890, 9.9950,  
0.5790

■ 250.4690, 5.8690,  
-1.7390

■ 47.2030, 9.6740,  
0.8900

■ 26.4910, 8.8030,  
0.1550

■ 1.7940, 3.5760,  
1.2720

■ 0.0000, 0.0000,

0.0000

■ 143.8720, 12.1040,  
0.9040

■ 143.8720, 12.1040,  
0.9040

■ 136.1780, 19.9900,  
1.1580

■ 151.5660, 4.2180,  
0.6500

■ 128.0110, 27.8300,  
2.2460

■ 159.7330, -3.6220,  
-0.4380

■ 120.3170, 35.7160,  
2.5000

■ 167.4270,  
-11.5080, -0.6920

■ 112.1500, 43.5560,  
3.5880

■ 175.5940,  
-19.3480, -1.7800

■ 104.4560, 51.4420,  
3.8420

■ 183.2880,  
-27.2340, -2.0340

■ 96.7620, 59.3280,  
4.0960

■ 190.9820,  
-35.1200, -2.2880

■ 88.5950, 67.1680,  
5.1840

■ 199.1490,  
-42.9600, -3.3760

■ 80.9010, 75.0540,  
5.4380

■ 206.6150,  
-50.2040, -4.2520

■ 77.1680, 78.6760,  
5.8760

■ 213.0720,  
-53.2290, -10.0050

# Harmonies

## Analogous

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



144.5670, 11.6450, 3.7170



143.8720, 12.1040, 0.9040



142.9100, 8.9410, -2.3470

# Triad

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



143.8720, 12.1040, 0.9040



140.6350, -9.3980, -5.8940



143.8950, -3.8980, 4.5660

# Complementary

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



143.8720, 12.1040, 0.9040



144.1280, -12.1040, -0.9040

# 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.



142.4920, -10.1330, 1.9230



143.8720, 12.1040, 0.9040



140.9490, -13.1580, -3.8300

# Square

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



143.8720, 12.1040, 0.9040



141.4570, -3.0250, -5.7530



141.5300, -13.2960, -1.3280



144.5430, 3.0250, 5.7530



# Rectangle

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



143.8720, 12.1040, 0.9040



142.7030, 5.0900, -4.1420



141.5300, -13.2960, -1.3280



143.5850, -5.9610, 3.4070

# Sweetspot

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



143.8720, 12.1040, 0.9040



198.7510, 5.1350, 0.5510



141.0000, 9.1680, 10.0640



98.9680, 3.0260, 0.2260



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000



# Same Dimension

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



143.8720, 12.1040, 0.9040



185.1070, 18.7520, 1.5680



150.9160, 8.8040, -5.3720



75.1530, 3.9430, 0.1270



70.9330, 72.0280, 5.2120



7.4200, 7.5650, 0.5650



# Inverse Universe

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



144.1280, -12.1040, -0.9040



185.8930, -18.7520, -1.5680



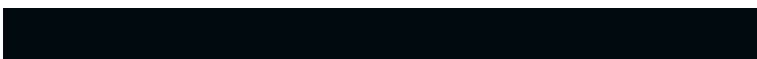
137.0840, -8.8040, 5.3720



74.8470, -3.9430, -0.1270



72.0670, -72.0280, -5.2120



7.5800, -7.5650, -0.5650



# Previews

## White Background



This preview shows how the YIQ color 143.8720, 12.1040, 0.9040 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 143.8720, 12.1040, 0.9040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

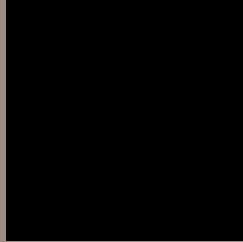
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 143.8720, 12.1040, 0.9040

## Background



This preview shows how black text looks on a background with the YIQ color 143.8720, 12.1040, 0.9040.



This preview shows how white text looks on a background with the YIQ color 143.8720, 12.1040,

0.9040.

# 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

143.8720, 12.1040, 0.9040

### Protanopia

143.3550, 6.1900, -2.0500

### Deuteranopia

144.1930, 15.6340, 3.0100



## Tritanopia

145.1200, 8.7100, 7.3500

# Trichromacy



## Original Color

143.8720, 12.1040, 0.9040

## Protanomaly

143.6650, 8.2530, -0.8910

## Deuteranomaly

144.1820, 14.1670, 2.0630

## Tritanomaly

144.7240, 9.7650, 4.7490

# Monochromacy



## Original Color

143.8720, 12.1040, 0.9040

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

144.1530, 3.9430, 0.1270

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.8720, 12.1040, 0.9040 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(156, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 132)  
}
```

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(156, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 132) }
```

## Border

The CSS property to change the border of an element to YIQ 143.8720, 12.1040, 0.9040 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(156, 140, 132) }
```



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

```
.border{ border-color:rgb(156, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
132) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.8720, 12.1040, 0.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 132) }
```

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

```
.background{ background-color: rgb(156,  
140, 132) }
```

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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