

Converting Colors

YIQ(123.6760, 9.7200, 0.0560)

Have a look what the booklet for
YIQ(123.6760, 9.7200, 0.0560)
contains.

YIQ(123.6760, 9.7200, 0.0560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(123.6760, 9.7200,
0.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	857971
RGB	133, 121, 113
RGB Percent	52%, 47%, 44%
CMY	0.4784, 0.5255, 0.5568
CMYK	0.00, 0.09, 0.15, 0.48
HSL	24°, 8%, 48%
HSV	24°, 15%, 52%
XYZ	19.4919, 19.8531, 18.4308
YIQ	123.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

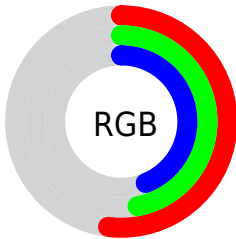
Format	Color
R_{YB}	133, 126, 113
Decimal	8747377
CIE Lab	51.67, 3.17, 6.04
CIE LCh	52, 6.821, 62.296
Yxy	19.8531, 0.3374, 0.3436
Android (android.graphics.Color)	4286937457 (0xFF857971)
YUV	123.6760, -5.2633, 8.1771
Hunter-Lab	44.5568, 0.1124, 6.6645

Details

The YIQ color **123.6760, 9.7200, 0.0560** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.3240, -9.7200, -0.0560**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9750, 10.3160, 0.2680**, and **75.0780, 8.5280, -0.3680** is the 20% darker color. If you saturate the color by 10%, you get **117.4980, 16.0930, 0.1970**, and if you desaturate by 10%, it is **129.8540, 3.3470, -0.0850**.

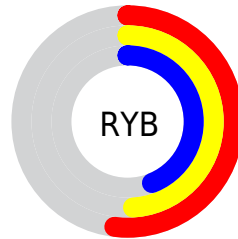
Distribution



Red (52%)

Green (47%)

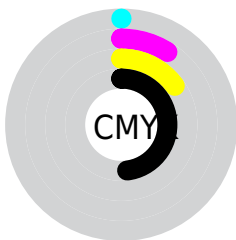
Blue (44%)



Red (52%)

Yellow (49%)

Blue (44%)

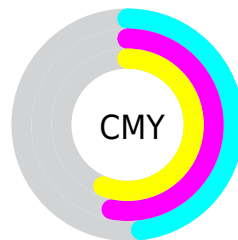


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6760, 9.7200, 0.0560 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 123.6760, 9.7200, 0.0560 by changing the saturation by 10% instead.

 123.6760, 9.7200, 0.0560	 123.6760, 9.7200, 0.0560
 255.0000, -0.0000, -0.0000	 98.7900, 9.3990, 0.3670
 175.9750, 10.3160, 0.2680	 75.0780, 8.5280, -0.3680
 203.8610, 10.6370, -0.0430	 52.1920, 8.2070, -0.0570
 231.8610, 10.6370, -0.0430	 31.0070, 7.2900, 0.0420
 254.2020, 2.2470, -2.1770	 6.5450, 8.7110, 1.8230
	 0.0000, 0.0000, 0.0000

■ 123.6760, 9.7200,
0.0560

■ 123.6760, 9.7200,
0.0560

■ 117.4980, 16.0930,
0.1970

■ 129.8540, 3.3470,
-0.0850

■ 111.2060, 22.7870,
0.0270

■ 136.1460, -3.3470,
0.0850

■ 105.0280, 29.1600,
0.1680

■ 142.3240, -9.7200,
-0.0560

■ 98.8500, 35.5330,
0.3090

■ 148.5020,
-16.0930, -0.1970

■ 92.6720, 41.9060,
0.4500

■ 154.7940,
-22.7870, -0.0270

■ 86.3800, 48.6000,
0.2800

■ 160.9720,
-29.1600, -0.1680

■ 80.2020, 54.9730,
0.4210

■ 167.1500,
-35.5330, -0.3090

■ 74.0240, 61.3460,

■ 173.3280,

0.5620

-41.9060, -0.4500

■ 70.8780, 64.6930,
0.4770

■ 179.6200,
-48.6000, -0.2800

Harmonies

Analogous

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



124.4420, 10.4990, 2.4590



123.6760, 9.7200, 0.0560



123.2410, 6.5110, -2.3610

Triad

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



123.6760, 9.7200, 0.0560



121.4610, -8.8480, -4.8480



124.1510, -1.7430, 4.0570

Complementary

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



123.6760, 9.7200, 0.0560



122.3240, -9.7200, -0.0560

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.



122.8730, -6.8320, 2.6720



123.6760, 9.7200, 0.0560



121.2590, -11.0950, -2.6710

Square

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



123.6760, 9.7200, 0.0560



121.7990, -3.9880, -4.8200



122.0250, -10.3160, -0.2680



124.3150, 3.6670, 5.1310

Rectangle

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



123.6760, 9.7200, 0.0560



122.3330, 3.2560, -3.9440



122.0250, -10.3160, -0.2680



123.6670, -3.2560, 3.9440

Sweetspot

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



123.6760, 9.7200, 0.0560



169.1530, 3.9430, 0.1270



120.3480, 8.0680, 7.9720



84.5550, 2.7510, -0.2970



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



123.6760, 9.7200, 0.0560



158.9000, 14.9010, -0.2270



129.5460, 6.9700, -5.1740



62.9680, 3.0260, 0.2260



69.3940, 63.1800, 0.3640



1.4840, 1.5130, 0.1130

Inverse Universe

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



122.3240, -9.7200, -0.0560



156.6870, -15.1760, -0.2960



116.4540, -6.9700, 5.1740



63.0320, -3.0260, -0.2260



60.6060, -63.1800, -0.3640



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 123.6760, 9.7200, 0.0560 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 123.6760, 9.7200, 0.0560 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 123.6760, 9.7200, 0.0560

Background



This preview shows how black text looks on a background with the YIQ color 123.6760, 9.7200, 0.0560.



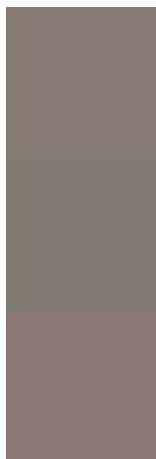
This preview shows how white text looks on a background with the YIQ color 123.6760, 9.7200,

0.0560.

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

123.6760, 9.7200, 0.0560

Protanopia

123.4690, 5.8690, -1.7390

Deuteranopia

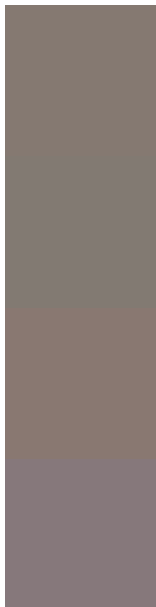
124.2960, 13.8460, 2.3740



Tritanopia

124.8100, 6.6470, 6.1910

Trichromacy



Original Color

123.6760, 9.7200, 0.0560

Protanomaly

123.4800, 7.3360, -0.7920

Deuteranomaly

124.2850, 12.3790, 1.4270

Tritanomaly

124.5280, 7.3810, 3.9010

Monochromacy



Original Color

123.6760, 9.7200, 0.0560

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6760, 9.7200, 0.0560 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(133, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(133, 121, 113)  
}
```

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(133, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 121, 113) }
```

Border

The CSS property to change the border of an element to YIQ 123.6760, 9.7200, 0.0560 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(133, 121, 113) }
```


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

```
.border{ border-color:rgb(133, 121, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 121, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(133, 121,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6760, 9.7200, 0.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 121, 113) }
```

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

```
.background{ background-color: rgb(133,  
121, 113) }
```

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