

# Converting Colors

YIQ(123.1020, 26.3160, 7.6600)

Have a look what the booklet for  
YIQ(123.1020, 26.3160, 7.6600)  
contains.

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# Color

**YIQ(123.1020, 26.3160,  
7.6600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996F6B
RGB	153, 111, 107
RGB Percent	60%, 44%, 42%
CMY	0.3999, 0.5648, 0.5803
CMYK	0.00, 0.27, 0.30, 0.40
HSL	5°, 18%, 51%
HSV	5°, 30%, 60%
XYZ	21.4794, 19.2019, 16.4917
YIQ	123.1020, 26.3160, 7.6600

# Conversions

## Conversions Part 2

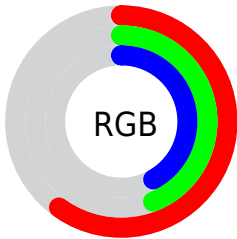
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 111, 107
Decimal	10055531
CIE <sub>Lab</sub>	50.92, 16.09, 8.77
CIE <sub>LCh</sub>	51, 18.331, 28.595
Yxy	19.2019, 0.3757, 0.3359
Android (android.graphics.Color)	4288245611 (0xFF996F6B)
YUV	123.1020, -7.9383, 26.2205
Hunter-Lab	43.8199, 10.8111, 8.3600

# Details

The YIQ color **123.1020, 26.3160, 7.6600** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.8980, -26.3160, -7.6600**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.8850, 28.4250, 7.9850**, and **74.0200, 23.6110, 7.1230** is the 20% darker color. If you saturate the color by 10%, you get **113.1740, 34.9810, 10.3170**, and if you desaturate by 10%, it is **133.0300, 17.6510, 5.0030**.

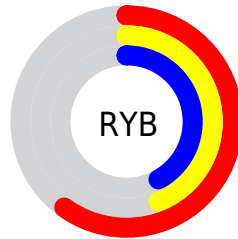
# Distribution



Red (60%)

Green (44%)

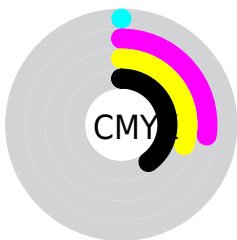
Blue (42%)



Red (60%)

Yellow (44%)

Blue (42%)

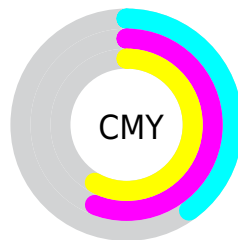


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (56%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1020, 26.3160, 7.6600 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 123.1020, 26.3160, 7.6600 by changing the saturation by 10% instead.



■ 123.1020, 26.3160,  
7.6600

■ 123.1020, 26.3160,  
7.6600

■ 255.0000, -0.0000,  
-0.0000

■ 97.6180, 24.8030,  
7.5470

■ 175.8850, 28.4250,  
7.9850

■ 74.0200, 23.6110,  
7.1230

■ 203.4830, 29.6170,  
8.4090

■ 51.1230, 21.8230,  
6.4870

■ 228.4930, 23.6570,  
6.2890

■ 28.7530, 19.9890,  
6.6850

■ 248.1210, 6.9690,  
0.3530

■ 9.5680, 19.0720,  
6.7840

■ 0.0000, 0.0000,  
0.0000

123.1020, 26.3160,  
7.6600

123.1020, 26.3160,  
7.6600

113.1740, 34.9810,  
10.3170

133.0300, 17.6510,  
5.0030

103.1320, 43.9670,  
12.6630

143.0720, 8.6650,  
2.6570

93.2040, 52.6320,  
15.3200

153.0000, 0.0000,  
-0.0000

83.2760, 61.2970,  
17.9770

162.9280, -8.6650,  
-2.6570

73.3480, 69.9620,  
20.6340

172.9700,  
-17.6510, -5.0030

63.3060, 78.9480,  
22.9800


182.8980,  
-26.3160, -7.6600

53.3780, 87.6130,  
25.6370

192.8260,  
-34.9810, -10.3170

202.7540,

-43.6460, -12.9740

 212.7960,  
-52.6320, -15.3200

# Harmonies

## Analogous

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



123.7410, 20.2630, 12.7350



123.1020, 26.3160, 7.6600



122.2880, 25.4920, 0.5640

# Triad

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



123.1020, 26.3160, 7.6600



116.7070, -9.9010, -13.3010



119.7280, -22.4210, 4.3550

# Complementary

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



123.1020, 26.3160, 7.6600



136.8980, -26.3160, -7.6600

# 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.



116.1240, -32.6440, -3.1080



123.1020, 26.3160, 7.6600



114.8070, -24.8020, -13.0740

# Square

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



123.1020, 26.3160, 7.6600



119.0740, 5.1830, -11.3370



114.5380, -34.1100, -9.5820



123.0290, -6.9710, 10.7010



# Rectangle

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



123.1020, 26.3160, 7.6600



120.9020, 20.5870, -4.1570



114.5380, -34.1100, -9.5820



119.1080, -26.5470, 2.0370

# Sweetspot

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



123.1020, 26.3160, 7.6600



187.5560, 10.1780, 2.7700



125.5420, 13.9340, 22.8140



91.9900, 5.9600, 2.1200



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.



123.1020, 26.3160, 7.6600



152.0500, 41.2620, 12.1260



136.6030, 19.9910, -4.3690



71.9790, 4.4930, 1.1730



48.9040, 80.1400, 23.4040



4.4740, 7.4730, 2.2330



# Inverse Universe

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



136.8980, -26.3160, -7.6600



173.9500, -41.2620, -12.1260



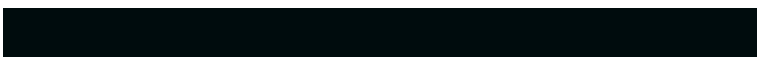
123.3970, -19.9910, 4.3690



74.0210, -4.4930, -1.1730



91.0960, -80.1400, -23.4040



8.5260, -7.4730, -2.2330



# Previews

## White Background



This preview shows how the YIQ color 123.1020, 26.3160, 7.6600 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 123.1020, 26.3160, 7.6600 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 123.1020, 26.3160, 7.6600

## Background



This preview shows how black text looks on a background with the YIQ color 123.1020, 26.3160, 7.6600.



This preview shows how white text looks on a background with the YIQ color 123.1020, 26.3160,

7.6600.

# 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

123.1020, 26.3160, 7.6600

### Protanopia

121.4690, 5.8690, -1.7390

### Deuteranopia

122.3240, 16.6430, 1.2430



## Tritanopia

123.4810, 23.9310, 12.3390

# Trichromacy



## Original Color

123.1020, 26.3160, 7.6600

## Protanomaly

121.8830, 13.5710, 1.8510

## Deuteranomaly

122.6450, 20.1730, 3.3490

## Tritanomaly

123.6120, 24.9400, 10.5720

# Monochromacy



## Original Color

123.1020, 26.3160, 7.6600

## Achromatopsia

123.0000, -0.0000, -0.0000

## Achromatomaly

123.2570, 9.5820, 2.5580

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 123.1020, 26.3160, 7.6600 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(153, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 111, 107)  
}
```

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(153, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 111, 107) }
```

## Border

The CSS property to change the border of an element to YIQ 123.1020, 26.3160, 7.6600 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(153, 111, 107) }
```



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

```
.border{ border-color:rgb(153, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(153, 111,  
107) }
```

# Background

The CSS property to change the background color of an element to YIQ 123.1020, 26.3160, 7.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 111, 107) }
```

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

```
.background{ background-color: rgb(153,  
111, 107) }
```

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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