

Converting Colors

YIQ(123.4760, 13.1590, -1.6970)

Have a look what the booklet for
YIQ(123.4760, 13.1590, -1.6970)
contains.

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Color

**YIQ(123.4760, 13.1590,
-1.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	87796A
RGB	135, 121, 106
RGB Percent	53%, 47%, 42%
CMY	0.4706, 0.5255, 0.5842
CMYK	0.00, 0.10, 0.21, 0.47
HSL	31°, 12%, 47%
HSV	31°, 21%, 53%
XYZ	19.4317, 19.8657, 16.4504
YIQ	123.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

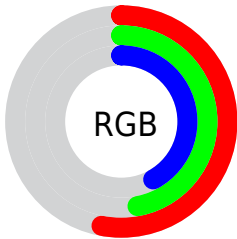
Format	Color
R_{YB}	133, 135, 106
Decimal	8878442
CIE _{Lab}	51.68, 2.81, 10.18
CIE _{LCh}	52, 10.557, 74.588
Yxy	19.8657, 0.3486, 0.3563
Android (android.graphics.Color)	4287068522 (0xFF87796A)
YUV	123.4760, -8.6157, 10.1065
Hunter-Lab	44.5709, -0.1780, 9.3166

Details

The YIQ color **123.4760, 13.1590, -1.6970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.5240, -13.1590, 1.6970**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9600, 14.6720, -1.5840**, and **74.9920, 11.6460, -1.8100** is the 20% darker color. If you saturate the color by 10%, you get **117.8850, 19.2570, -2.0790**, and if you desaturate by 10%, it is **129.1810, 6.7400, -1.0040**.

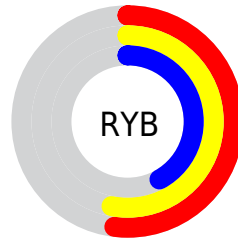
Distribution



Red (53%)

Green (47%)

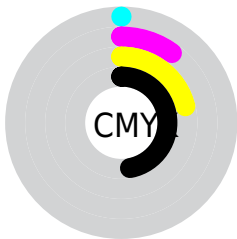
Blue (42%)



Red (52%)

Yellow (53%)

Blue (42%)

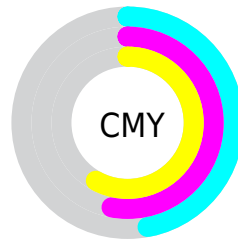


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.4760, 13.1590, -1.6970 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 123.4760, 13.1590, -1.6970 by changing the saturation by 10% instead.

■ 123.4760, 13.1590,
-1.6970

■ 123.4760, 13.1590,
-1.6970

■ 255.0000, -0.0000,
-0.0000

■ 98.2910, 12.2420,
-1.5980

■ 175.9600, 14.6720,
-1.5840

■ 74.9920, 11.6460,
-1.8100

■ 203.5470, 14.3970,
-2.1070

■ 51.8070, 10.7290,
-1.7110

■ 231.8460, 14.9930,
-1.8950

■ 30.5080, 10.1330,
-1.9230

■ 253.2900, 4.8150,
-4.6650

■ 7.1320, 8.4360,
1.3000

■ 0.0000, 0.0000,
0.0000

■ 123.4760, 13.1590,
-1.6970

■ 123.4760, 13.1590,
-1.6970

■ 117.8850, 19.2570,
-2.0790

■ 129.1810, 6.7400,
-1.0040

■ 112.7670, 25.4010,
-3.2950

■ 134.1850, 0.9170,
-0.0990

■ 107.1760, 31.4990,
-3.6770

■ 139.8900, -5.5020,
0.5940

■ 102.0580, 37.6430,
-4.8930

■ 144.8940,
-11.3250, 1.4990

■ 96.4670, 43.7410,
-5.2750

■ 150.5990,
-17.7440, 2.1920

■ 91.3490, 49.8850,
-6.4910

■ 155.6030,
-23.5670, 3.0970

■ 85.7580, 55.9830,
-6.8730

■ 161.3080,
-29.9860, 3.7900

■ 81.4550, 61.2100,

■ 166.3120,

-7.9900

-35.8090, 4.6950

■ 172.0170,
-42.2280, 5.3880

Harmonies

Analogous

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



124.0790, 15.9550, 2.6990



123.4760, 13.1590, -1.6970



122.5460, 6.9700, -5.1740

Triad

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



123.4760, 13.1590, -1.6970



120.4000, -16.0460, -6.5580



124.8140, 0.8240, 7.0960

Complementary

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



123.4760, 13.1590, -1.6970



117.5240, -13.1590, 1.6970

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.



123.2690, -7.8870, 5.2730



123.4760, 13.1590, -1.6970



120.7250, -18.3390, -3.5470

Square

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



123.4760, 13.1590, -1.6970



120.2820, -9.9020, -7.7740



121.6270, -14.9470, 1.0610



124.8320, 9.5810, 8.0850

Rectangle

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



123.4760, 13.1590, -1.6970



121.8550, 1.6060, -7.0820



121.6270, -14.9470, 1.0610



124.1450, -1.6060, 7.0820

Sweetspot

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



123.4760, 13.1590, -1.6970



171.8110, 4.9060, -0.8060



116.2670, 12.7900, 10.5020



86.5550, 2.7510, -0.2970



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



123.4760, 13.1590, -1.6970



157.8420, 20.8160, -2.8000



131.6940, 9.3090, -9.0190



63.5550, 2.7510, -0.2970



78.1990, 59.0550, -7.4810



1.4840, 1.5130, 0.1130

Inverse Universe

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



117.5240, -13.1590, 1.6970



148.1580, -20.8160, 2.8000



109.6050, -8.7130, 9.2310



62.4450, -2.7510, 0.2970



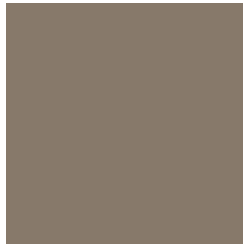
51.8010, -59.0550, 7.4810



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 123.4760, 13.1590, -1.6970 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 123.4760, 13.1590, -1.6970 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 123.4760, 13.1590, -1.6970

Background



This preview shows how black text looks on a background with the YIQ color 123.4760, 13.1590, -1.6970.



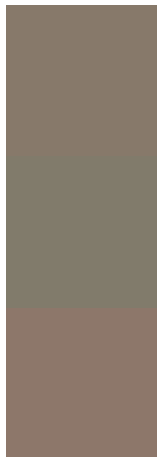
This preview shows how white text looks on a background with the YIQ color 123.4760, 13.1590,

-1.6970.

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

123.4760, 13.1590, -1.6970

Protanopia

122.9700, 8.7120, -3.7040

Deuteranopia

124.0960, 17.2850, 0.6210



Tritanopia

125.0060, 9.0310, 7.0390

Trichromacy



Original Color

123.4760, 13.1590, -1.6970

Protanomaly

122.9810, 10.1790, -2.7570

Deuteranomaly

124.0850, 15.8180, -0.3260

Tritanomaly

124.3820, 10.7280, 3.8160

Monochromacy



Original Color

123.4760, 13.1590, -1.6970

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9250, 4.5850, -0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4760, 13.1590, -1.6970 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(135, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 106)  
}
```

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(135, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 106) }
```

Border

The CSS property to change the border of an element to YIQ 123.4760, 13.1590, -1.6970 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(135, 121, 106) }
```


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

```
.border{ border-color:rgb(135, 121, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4760, 13.1590, -1.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 106) }
```

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

```
.background{ background-color: rgb(135,  
121, 106) }
```

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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