

Converting Colors

YIQ(123.0190, 33.3790, -4.7090)

Have a look what the booklet for
YIQ(123.0190, 33.3790, -4.7090)
contains.

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Color

**YIQ(123.0190, 33.3790,
-4.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	98754E
RGB	152, 117, 78
RGB Percent	60%, 46%, 31%
CMY	0.4039, 0.5412, 0.6940
CMYK	0.00, 0.23, 0.49, 0.40
HSL	32°, 32%, 45%
HSV	32°, 49%, 60%
XYZ	20.6879, 19.9466, 9.9752
YIQ	123.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

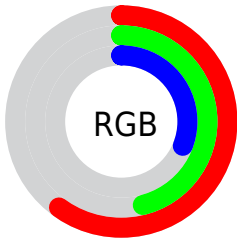
Format	Color
RYB	144, 152, 78
Decimal	9991502
CIELab	51.78, 8.62, 26.70
CIELCh	52, 28.055, 72.095
Yxy	19.9466, 0.4088, 0.3941
Android (android.graphics.Color)	4288181582 (0xFF98754E)
YUV	123.0190, -22.1944, 25.4163
Hunter-Lab	44.6617, 4.5258, 18.0207

Details

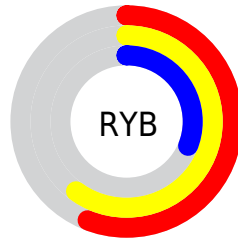
The YIQ color **123.0190, 33.3790, -4.7090** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **106.9810, -33.3790, 4.7090**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9870, 36.4050, -4.4830**, and **73.7520, 29.7570, -5.1470** is the 20% darker color. If you saturate the color by 10%, you get **117.2000, 40.1190, -5.7130**, and if you desaturate by 10%, it is **128.8380, 26.6390, -3.7050**.

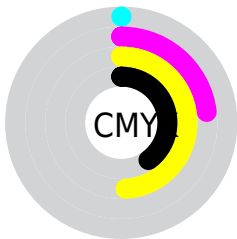
Distribution



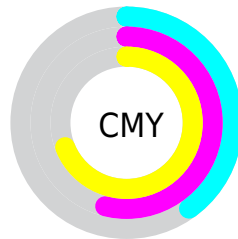
- Red (60%)
- Green (46%)
- Blue (31%)



- Red (56%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.0190, 33.3790, -4.7090 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 123.0190, 33.3790, -4.7090 by changing the saturation by 10% instead.


 123.0190, 33.3790,
-4.7090


 123.0190, 33.3790,
-4.7090


255.0000, -0.0000,
-0.0000


 97.6490, 31.5450,
-4.5110


 175.9870, 36.4050,
-4.4830


 73.7520, 29.7570,
-5.1470


 203.4710, 37.9180,
-4.3700


 50.5560, 27.3730,
-5.9950

 228.3670, 32.2790,
-6.8010

 29.9130, 22.0540,
-3.2100

 248.4680, 15.6370,
-13.5710

 7.4750, 14.9000,
5.3000

 252.9480, 5.7780,
-5.5980

 0.0000, 0.0000,
0.0000

■ 123.0190, 33.3790,
-4.7090

■ 123.0190, 33.3790,
-4.7090

■ 117.2000, 40.1190,
-5.7130

■ 128.8380, 26.6390,
-3.7050

■ 111.3810, 46.8590,
-6.7170

■ 134.6570, 19.8990,
-2.7010

■ 104.8610, 54.1950,
-7.5090

■ 141.1770, 12.5630,
-1.9090

■ 99.0420, 60.9350,
-8.5130

■ 146.9960, 5.8230,
-0.9050

■ 93.2230, 67.6750,
-9.5170

■ 152.8150, -0.9170,
0.0990

■ 92.4080, 68.5920,
-9.6160

■ 158.6340, -7.6570,
1.1030

■ 164.4530,
-14.3970, 2.1070

■ 170.9730,

-21.7330, 2.8990

■ 176.7920,
-28.4730, 3.9030

Harmonies

Analogous

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



124.4040, 40.0250, 7.0090



123.0190, 33.3790, -4.7090



120.9090, 18.7090, -14.1790

Triad

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



123.0190, 33.3790, -4.7090



108.1500, -53.8690, -20.4370



126.6050, 0.4550, 19.2950

Complementary

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



123.0190, 33.3790, -4.7090



106.9810, -33.3790, 4.7090

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.



122.3890, -25.5400, 11.3240



123.0190, 33.3790, -4.7090



107.0810, -66.6160, -15.1920

Square

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



123.0190, 33.3790, -4.7090



113.6830, -27.6890, -21.3290



115.3100, -50.6630, -1.4390



126.7940, 21.9120, 21.4000

Rectangle

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



123.0190, 33.3790, -4.7090



119.4450, 5.2760, -18.5320



115.3100, -50.6630, -1.4390



125.9460, -7.9350, 17.1610

Sweetspot

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



123.0190, 33.3790, -4.7090



184.4760, 13.1590, -1.6970



104.2300, 32.5480, 26.8840



92.3660, 7.6570, -1.1030



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.



123.0190, 33.3790, -4.7090



151.3060, 51.4440, -7.2120



143.2650, 23.1580, -23.2260



73.7400, 3.6680, -0.3960



85.2980, 63.0900, -9.0220



7.9960, 5.8230, -0.9050

Inverse Universe

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



106.9810, -33.3790, 4.7090



126.6940, -51.4440, 7.2120



86.7350, -23.1580, 23.2260



71.6730, -3.3930, 0.9190



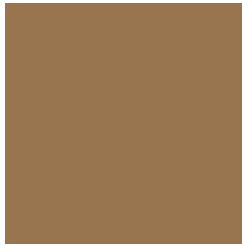
54.7020, -63.0900, 9.0220



5.0040, -5.8230, 0.9050

Previews

White Background



This preview shows how the YIQ color 123.0190, 33.3790, -4.7090 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 123.0190, 33.3790, -4.7090 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 123.0190, 33.3790, -4.7090

Background



This preview shows how black text looks on a background with the YIQ color 123.0190, 33.3790, -4.7090.



This preview shows how white text looks on a background with the YIQ color 123.0190, 33.3790,

-4.7090.

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

123.0190, 33.3790, -4.7090

Protanopia

122.0880, 19.7630, -11.2530

Deuteranopia

122.7090, 31.3160, -5.8680



Tritanopia

126.0680, 23.6560, 11.8160

Trichromacy



Original Color

123.0190, 33.3790, -4.7090

Protanomaly

122.3060, 25.0810, -8.5110

Deuteranomaly

123.0080, 31.9120, -5.6560

Tritanomaly

125.2330, 27.3250, 5.8930

Monochromacy



Original Color

123.0190, 33.3790, -4.7090

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2910, 12.2420, -1.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0190, 33.3790, -4.7090 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, 117, 78)` looks like.

```
.text, #text, p{  
    color:rgb(152, 117, 78)  
}
```

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, 117, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 117, 78) }
```

Border

The CSS property to change the border of an element to YIQ 123.0190, 33.3790, -4.7090 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, 117, 78) }
```


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

```
.border{ border-color:rgb(152, 117, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 117, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 117, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 117, 78);  
box-shadow:4px 4px 4px 4px rgb(152, 117,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0190, 33.3790, -4.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 117, 78) }
```

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

```
.background{ background-color: rgb(152,  
117, 78) }
```

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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