

Converting Colors

YIQ(123.5510, 25.7690, -9.9670)

Have a look what the booklet for
YIQ(123.5510, 25.7690, -9.9670)
contains.

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Color

**YIQ(123.5510, 25.7690,
-9.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7B4E
RGB	142, 123, 78
RGB Percent	56%, 48%, 31%
CMY	0.4431, 0.5177, 0.6940
CMYK	0.00, 0.13, 0.45, 0.44
HSL	42°, 29%, 43%
HSV	42°, 45%, 56%
XYZ	19.6144, 20.4656, 10.1308
YIQ	123.5510, 25.7690, -9.9670

Conversions

Conversions Part 2

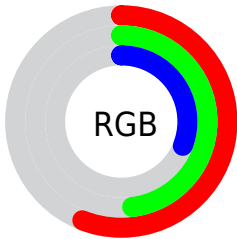
Format	Color
R_{YB}	105, 142, 78
Decimal	9337678
CIE _{Lab}	52.36, 0.82, 27.23
CIE _{LCh}	52, 27.247, 88.280
Yxy	20.4656, 0.3906, 0.4076
Android (android.graphics.Color)	4287527758 (0xFF8E7B4E)
YUV	123.5510, -22.4566, 16.1798
Hunter-Lab	45.2390, -1.7752, 18.3899

Details

The YIQ color **123.5510, 25.7690, -9.9670** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **96.4490, -25.7690, 9.9670**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2200, 28.1990, -9.9530**, and **73.9960, 23.0180, -9.6700** is the 20% darker color. If you saturate the color by 10%, you get **119.6070, 31.3630, -12.2290**, and if you desaturate by 10%, it is **127.4950, 20.1750, -7.7050**.

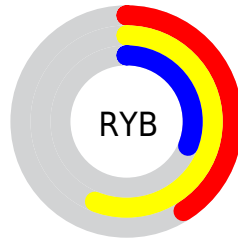
Distribution



Red (56%)

Green (48%)

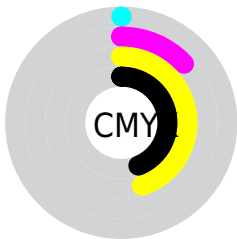
Blue (31%)



Red (41%)

Yellow (56%)

Blue (31%)

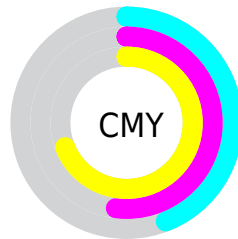


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5510, 25.7690, -9.9670 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 123.5510, 25.7690, -9.9670 by changing the saturation by 10% instead.

■ 123.5510, 25.7690,
-9.9670

■ 123.5510, 25.7690,
-9.9670

■ 255.0000, -0.0000,
-0.0000

■ 98.4800, 24.5310,
-9.5570

■ 176.2200, 28.1990,
-9.9530

■ 73.9960, 23.0180,
-9.6700

■ 203.9920, 28.8410,
-10.5750

■ 51.0990, 21.2300,
-10.3060

■ 232.1770, 29.7580,
-10.6740

■ 30.7550, 16.5070,
-7.3090

■ 249.7560, 14.7660,
-14.3060

■ 9.1810, 6.7400,
-1.0040

■ 252.9480, 5.7780,
-5.5980

■ 0.0000, 0.0000,
0.0000

■ 123.5510, 25.7690,
-9.9670

■ 123.5510, 25.7690,
-9.9670

■ 119.6070, 31.3630,
-12.2290

■ 127.4950, 20.1750,
-7.7050

■ 115.6630, 36.9570,
-14.4910

■ 131.4390, 14.5810,
-5.4430

■ 111.0180, 43.1470,
-16.5410

■ 136.0840, 8.3910,
-3.3930

■ 107.0740, 48.7410,
-18.8030

■ 140.0280, 2.7970,
-1.1310

■ 103.1300, 54.3350,
-21.0650

■ 143.9720, -2.7970,
1.1310

■ 101.1580, 57.1320,
-22.1960

■ 147.9160, -8.3910,
3.3930

■ 152.4470,
-14.2600, 5.1320

■ 156.5050,

-20.1750, 7.7050

■ 160.4490,
-25.7690, 9.9670

Harmonies

Analogous

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



125.4480, 36.7250, 0.7330



123.5510, 25.7690, -9.9670



121.0540, 7.9350, -17.1610

Triad

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



123.5510, 25.7690, -9.9670



109.3220, -60.1050, -17.5530



128.0040, 12.5130, 21.0330

Complementary

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



123.5510, 25.7690, -9.9670



96.4490, -25.7690, 9.9670

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.



126.4510, -10.9150, 16.1010



123.5510, 25.7690, -9.9670



113.7990, -56.7140, -7.4180

Square

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



123.5510, 25.7690, -9.9670



112.9790, -40.2060, -20.2540



121.5400, -36.4510, 5.3170



127.5190, 29.9360, 19.1520

Rectangle

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



123.5510, 25.7690, -9.9670



119.1600, -7.1030, -19.9590



121.5400, -36.4510, 5.3170



128.0570, 4.9940, 19.6340

Sweetspot

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



123.5510, 25.7690, -9.9670



176.3400, 10.5460, -3.9020



99.3020, 32.0450, 19.4770



87.2410, 6.5110, -2.3610



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



123.5510, 25.7690, -9.9670



154.9900, 40.3500, -15.4100



130.8170, 12.7960, -22.6600



69.0280, 2.7970, -1.1310



96.1300, 54.3350, -21.0650



5.3270, 3.3930, -0.9190

Inverse Universe

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



96.4490, -25.7690, 9.9670



113.0100, -40.3500, 15.4100



89.1830, -12.7960, 22.6600



65.9720, -2.7970, 1.1310



38.8700, -54.3350, 21.0650



2.0860, -3.1180, 1.4420

Previews

White Background



This preview shows how the YIQ color 123.5510, 25.7690, -9.9670 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 123.5510, 25.7690, -9.9670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

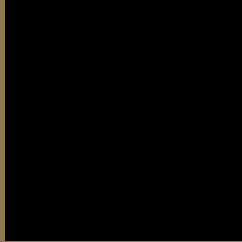
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.5510, 25.7690, -9.9670

Background



This preview shows how black text looks on a background with the YIQ color 123.5510, 25.7690, -9.9670.



This preview shows how white text looks on a background with the YIQ color 123.5510, 25.7690, -9.9670.

-9.9670.

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

123.5510, 25.7690, -9.9670

Protanopia

123.0450, 21.3220, -11.9740

Deuteranopia

124.0080, 31.9120, -5.6560



Tritanopia

126.9960, 14.9910, 9.1590

Trichromacy



Original Color

123.5510, 25.7690, -9.9670

Protanomaly

123.0560, 22.7890, -11.0270

Deuteranomaly

123.6980, 29.8490, -6.8150

Tritanomaly

125.6340, 18.7060, 2.4020

Monochromacy



Original Color

123.5510, 25.7690, -9.9670

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.1550, 9.6290, -3.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5510, 25.7690, -9.9670 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(142, 123, 78)` looks like.

```
.text, #text, p{  
    color:rgb(142, 123, 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(142, 123, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 123, 78) }
```

Border

The CSS property to change the border of an element to YIQ 123.5510, 25.7690, -9.9670 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(142, 123, 78) }
```


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

```
.border{ border-color:rgb(142, 123, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 123, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 123, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 123, 78);  
box-shadow:4px 4px 4px 4px rgb(142, 123,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5510, 25.7690, -9.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 123, 78) }
```

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

```
.background{ background-color: rgb(142,  
123, 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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