

Converting Colors

YIQ(120.5810, 26.2250, 3.8010)

Have a look what the booklet for
YIQ(120.5810, 26.2250, 3.8010)
contains.

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Color

**YIQ(120.5810, 26.2250,
3.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	946F62
RGB	148, 111, 98
RGB Percent	58%, 44%, 38%
CMY	0.4195, 0.5648, 0.6156
CMYK	0.00, 0.25, 0.34, 0.42
HSL	16°, 20%, 48%
HSV	16°, 34%, 58%
XYZ	20.1051, 18.5457, 14.0825
YIQ	120.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

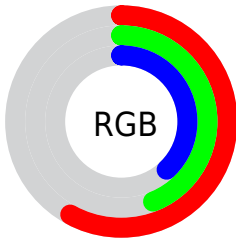
Format	Color
R_{YB}	148, 116, 98
Decimal	9727842
CIE _{Lab}	50.15, 12.78, 12.91
CIE _{LCh}	50, 18.167, 45.292
Yxy	18.5457, 0.3813, 0.3517
Android (android.graphics.Color)	4287917922 (0xFF946F62)
YUV	120.5810, -11.1324, 24.0465
Hunter-Lab	43.0647, 7.9712, 10.7570

Details

The YIQ color **120.5810, 26.2250, 3.8010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.4190, -26.2250, -3.8010**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3640, 28.3340, 4.1260**, and **71.6130, 23.1990, 3.5750** is the 20% darker color. If you saturate the color by 10%, you get **112.4140, 34.0650, 4.8890**, and if you desaturate by 10%, it is **128.7480, 18.3850, 2.7130**.

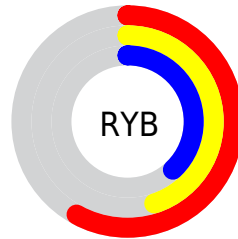
Distribution



Red (58%)

Green (44%)

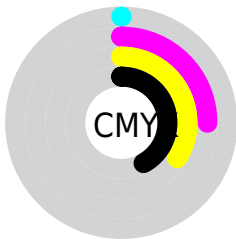
Blue (38%)



Red (58%)

Yellow (45%)

Blue (38%)

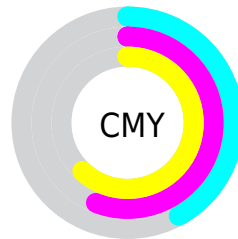


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5810, 26.2250, 3.8010 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 120.5810, 26.2250, 3.8010 by changing the saturation by 10% instead.

■ 120.5810, 26.2250,
3.8010

■ 120.5810, 26.2250,
3.8010

■ 255.0000, -0.0000,
-0.0000

■ 95.9830, 25.0330,
3.3770

■ 173.3640, 28.3340,
4.1260

■ 71.6130, 23.1990,
3.5750

■ 200.8480, 29.8470,
4.2390

■ 48.7160, 21.4110,
2.9390

■ 227.3530, 26.8670,
3.1790

■ 26.7760, 21.1820,
1.5820

■ 246.9810, 10.1790,
-2.7570

■ 7.7740, 15.4960,
5.5120

■ 0.0000, 0.0000,
0.0000

■ 120.5810, 26.2250,
3.8010

■ 120.5810, 26.2250,
3.8010

■ 112.4140, 34.0650,
4.8890

■ 128.7480, 18.3850,
2.7130

■ 104.2470, 41.9050,
5.9770

■ 136.9150, 10.5450,
1.6250

■ 96.1940, 49.4240,
7.3760

■ 144.9680, 3.0260,
0.2260

■ 88.0270, 57.2640,
8.4640

■ 153.1350, -4.8140,
-0.8620

■ 79.8600, 65.1040,
9.5520

■ 161.3020,
-12.6540, -1.9500

■ 71.6930, 72.9440,
10.6400

■ 169.4690,
-20.4940, -3.0380

■ 66.5580, 77.7580,
11.5020

■ 177.6360,
-28.3340, -4.1260

■ 185.6890,

-35.8530, -5.5250

■ 193.8560,
-43.6930, -6.6130

Harmonies

Analogous

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



121.3130, 24.3440, 10.3600



120.5810, 26.2250, 3.8010



119.6140, 21.4580, -3.4220

Triad

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



120.5810, 26.2250, 3.8010



114.1020, -18.3830, -13.7670



119.7400, -13.5270, 8.3690

Complementary

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



120.5810, 26.2250, 3.8010



125.4190, -26.2250, -3.8010

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.



116.3960, -27.4180, 1.3020



120.5810, 26.2250, 3.8010



112.6370, -30.0750, -11.1230

Square

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



120.5810, 26.2250, 3.8010



115.8280, -2.9320, -12.9480



113.6460, -34.2940, -6.2460



121.5740, 1.7400, 12.5240

Rectangle

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



120.5810, 26.2250, 3.8010



118.2710, 14.9940, -7.4220



113.6460, -34.2940, -6.2460



118.6360, -19.1660, 5.9380

Sweetspot

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



120.5810, 26.2250, 3.8010



180.6160, 9.9490, 1.4130



117.2820, 17.6020, 22.4180



90.3490, 6.3270, 0.9750



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



120.5810, 26.2250, 3.8010



148.0620, 40.9880, 6.0760



135.2560, 19.3500, -9.2740



69.6800, 3.8970, 0.9610



62.3940, 72.3480, 10.4280



4.7510, 5.1350, 0.5510

Inverse Universe

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



125.4190, -26.2250, -3.8010



155.9380, -40.9880, -6.0760



111.3310, -19.6250, 8.7510



70.7330, -3.6220, -0.4380



75.6060, -72.3480, -10.4280



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 120.5810, 26.2250, 3.8010 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 120.5810, 26.2250, 3.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

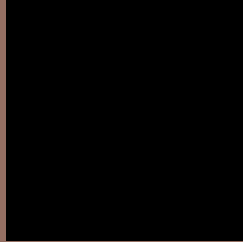
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.5810, 26.2250, 3.8010

Background



This preview shows how black text looks on a background with the YIQ color 120.5810, 26.2250, 3.8010.



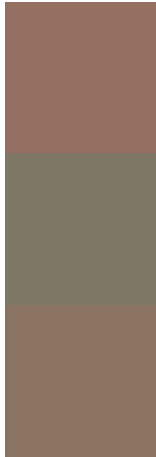
This preview shows how white text looks on a background with the YIQ color 120.5810, 26.2250,

3.8010.

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

120.5810, 26.2250, 3.8010

Protanopia

119.1550, 9.6290, -3.8030

Deuteranopia

120.1240, 20.0820, -0.5100



Tritanopia

121.5840, 22.1430, 11.7030

Trichromacy



Original Color

120.5810, 26.2250, 3.8010

Protanomaly

119.6720, 15.5430, -0.8490

Deuteranomaly

120.4340, 22.1450, 0.6490

Tritanomaly

121.0740, 23.5190, 8.7910

Monochromacy



Original Color

120.5810, 26.2250, 3.8010

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5810, 26.2250, 3.8010 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(148, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 98)  
}
```

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(148, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 98) }
```

Border

The CSS property to change the border of an element to YIQ 120.5810, 26.2250, 3.8010 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(148, 111, 98) }
```


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

```
.border{ border-color:rgb(148, 111, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 111, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 120.5810, 26.2250, 3.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 98) }
```

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

```
.background{ background-color: rgb(148,  
111, 98) }
```

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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