

Converting Colors

YIQ(111.0470, 18.9810, 2.9250)

Have a look what the booklet for
YIQ(111.0470, 18.9810, 2.9250)
contains.

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Color

**YIQ(111.0470, 18.9810,
2.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	83685F
RGB	131, 104, 95
RGB Percent	51%, 41%, 37%
CMY	0.4862, 0.5922, 0.6274
CMYK	0.00, 0.21, 0.27, 0.49
HSL	15°, 16%, 44%
HSV	15°, 27%, 51%
XYZ	16.3781, 15.5514, 12.9700
YIQ	111.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

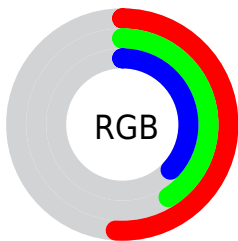
Format	Color
R_{YB}	131, 107, 95
Decimal	8611935
CIE _{Lab}	46.38, 9.35, 9.15
CIE _{LCh}	46, 13.082, 44.357
Yxy	15.5514, 0.3648, 0.3464
Android (android.graphics.Color)	4286802015 (0xFF83685F)
YUV	111.0470, -7.9112, 17.4988
Hunter-Lab	39.4353, 5.1219, 8.1047

Details

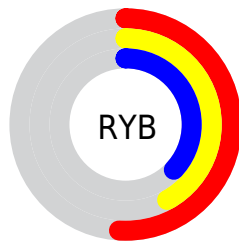
The YIQ color **111.0470, 18.9810, 2.9250** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.9530, -18.9810, -2.9250**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8300, 21.0900, 3.2500**, and **63.2640, 16.8720, 2.6000** is the 20% darker color. If you saturate the color by 10%, you get **103.6950, 25.9040, 4.1120**, and if you desaturate by 10%, it is **118.3990, 12.0580, 1.7380**.

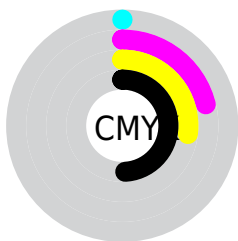
Distribution



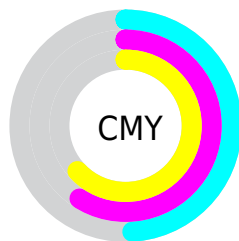
- Red (51%)
- Green (41%)
- Blue (37%)



- Red (51%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.0470, 18.9810, 2.9250 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 111.0470, 18.9810, 2.9250 by changing the saturation by 10% instead.

■ 111.0470, 18.9810,
2.9250

■ 111.0470, 18.9810,
2.9250

255.0000, -0.0000,
-0.0000

■ 86.4490, 17.7890,
2.5010

■ 162.8300, 21.0900,
3.2500

■ 63.2640, 16.8720,
2.6000

■ 190.1290, 21.6860,
3.4620

■ 40.7800, 15.3590,
2.4870

■ 218.0150, 22.0070,
3.1510

■ 19.0960, 17.2850,
0.6210

■ 241.8290, 13.6630,
0.1830

■ 0.0000, 0.0000,
0.0000

■ 111.0470, 18.9810,

■ 111.0470, 18.9810,

2.9250

■ 103.6950, 25.9040,
4.1120

■ 96.3430, 32.8270,
5.2990

■ 88.9910, 39.7500,
6.4860

■ 82.2260, 46.3980,
7.1500

■ 74.8740, 53.3210,
8.3370

■ 67.4080, 60.5650,
9.2130

■ 60.0560, 67.4880,
10.4000

■ 58.5400, 69.0010,
10.5130

2.9250

■ 118.3990, 12.0580,
1.7380

■ 125.7510, 5.1350,
0.5510

■ 133.1030, -1.7880,
-0.6360

■ 139.8680, -8.4360,
-1.3000

■ 147.3340,
-15.6800, -2.1760

■ 154.6860,
-22.6030, -3.3630

■ 162.0380,
-29.5260, -4.5500

■ 169.3900,
-36.4490, -5.7370

■ 176.7420,
-43.3720, -6.9240

Harmonies

Analogous

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



111.6110, 17.5130, 7.5050



111.0470, 18.9810, 2.9250



110.0310, 15.9100, -1.9940

Triad

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



111.0470, 18.9810, 2.9250



106.5590, -12.2400, -9.4560



110.0130, -10.0420, 5.7820

Complementary

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



111.0470, 18.9810, 2.9250



114.9530, -18.9810, -2.9250

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.



108.4740, -18.8900, 0.9340



111.0470, 18.9810, 2.9250



105.4210, -20.5390, -7.7310

Square

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



111.0470, 18.9810, 2.9250



107.5340, -1.9240, -9.1880



106.2730, -22.8780, -3.8860



111.2810, 1.0070, 9.2870

Rectangle

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



111.0470, 18.9810, 2.9250



109.5850, 11.2340, -5.3580



106.2730, -22.8780, -3.8860



109.5180, -13.0220, 4.7220

Sweetspot

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



111.0470, 18.9810, 2.9250



163.5340, 7.2440, 0.8760



108.9560, 12.4680, 16.3400



81.8650, 4.8140, 0.8620



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



111.0470, 18.9810, 2.9250



139.8480, 29.8470, 4.2390



121.0260, 14.3060, -5.9660



62.3810, 3.3010, 0.7490



57.6540, 68.6800, 10.8240



1.4840, 1.5130, 0.1130

Inverse Universe

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



114.9530, -18.9810, -2.9250



145.7390, -30.1220, -4.7620



104.9740, -14.3060, 5.9660



63.6190, -3.3010, -0.7490



72.3460, -68.6800, -10.8240



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 111.0470, 18.9810, 2.9250 looks on a white background.

Color Contrast Check

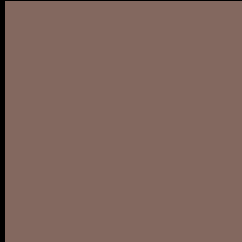
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.0470, 18.9810, 2.9250 looks on a black 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

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

YIQ 111.0470, 18.9810, 2.9250

Background



This preview shows how black text looks on a background with the YIQ color 111.0470, 18.9810, 2.9250.



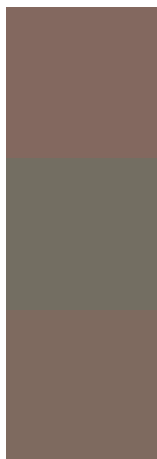
This preview shows how white text looks on a background with the YIQ color 111.0470, 18.9810,

2.9250.

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

111.0470, 18.9810, 2.9250

Protanopia

110.1270, 6.8320, -2.6720

Deuteranopia

110.7260, 15.4510, 0.8190



Tritanopia

112.1810, 15.9080, 9.0600

Trichromacy



Original Color

111.0470, 18.9810, 2.9250

Protanomaly

110.6330, 11.2790, -0.6650

Deuteranomaly

110.7370, 16.9180, 1.7660

Tritanomaly

111.8990, 16.6420, 6.7700

Monochromacy



Original Color

111.0470, 18.9810, 2.9250

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.6480, 6.9230, 1.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0470, 18.9810, 2.9250 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(131, 104, 95)` looks like.

```
.text, #text, p{  
    color:rgb(131, 104, 95)  
}
```

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(131, 104, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 104, 95) }
```

Border

The CSS property to change the border of an element to YIQ 111.0470, 18.9810, 2.9250 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(131, 104, 95) }
```


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

```
.border{ border-color:rgb(131, 104, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 104, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 104, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 104, 95);  
box-shadow:4px 4px 4px 4px rgb(131, 104,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0470, 18.9810, 2.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 104, 95) }
```

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

```
.background{ background-color: rgb(131,  
104, 95) }
```

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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