

Converting Colors

YIQ(121.9310, 4.4480, -3.5200)

Have a look what the booklet for
YIQ(121.9310, 4.4480, -3.5200)
contains.

YIQ(121.9310, 4.4480, -3.5200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(121.9310, 4.4480,
-3.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7B6F
RGB	124, 123, 111
RGB Percent	49%, 48%, 44%
CMY	0.5137, 0.5176, 0.5647
CMYK	0.00, 0.01, 0.10, 0.51
HSL	55°, 6%, 46%
HSV	55°, 10%, 49%
XYZ	18.2645, 19.5986, 17.8612
YIQ	121.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

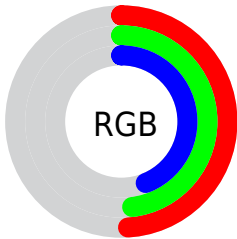
Format	Color
R_{YB}	112, 124, 111
Decimal	8158063
CIE Lab	51.38, -1.90, 6.69
CIE LCh	51, 6.955, 105.863
Yxy	19.5986, 0.3278, 0.3517
Android (android.graphics.Color)	4286348143 (0xFF7C7B6F)
YUV	121.9310, -5.3890, 1.8145
Hunter-Lab	44.2704, -3.8298, 7.0683

Details

The YIQ color **121.9310, 4.4480, -3.5200** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.0690, -4.4480, 3.5200**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.2300, 5.0440, -3.3080**, and **73.0450, 4.1270, -3.2090** is the 20% darker color. If you saturate the color by 10%, you get **119.9760, 8.5750, -6.7290**, and if you desaturate by 10%, it is **123.8860, 0.3210, -0.3110**.

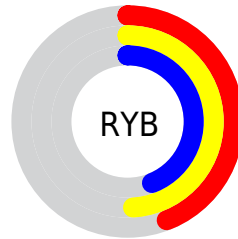
Distribution



Red (49%)

Green (48%)

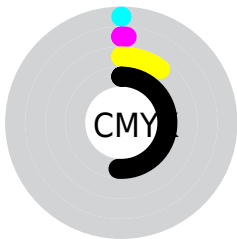
Blue (44%)



Red (44%)

Yellow (49%)

Blue (44%)

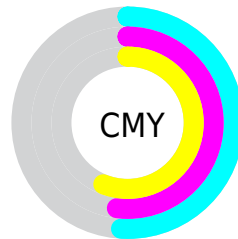


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.9310, 4.4480, -3.5200 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 121.9310, 4.4480, -3.5200 by changing the saturation by 10% instead.

■ 121.9310, 4.4480,
-3.5200

■ 121.9310, 4.4480,
-3.5200

■ 255.0000, -0.0000,
-0.0000

■ 97.0450, 4.1270,
-3.2090

■ 174.2300, 5.0440,
-3.3080

■ 73.0450, 4.1270,
-3.2090

■ 201.8170, 4.7690,
-3.8310

■ 50.7460, 3.5310,
-3.4210

■ 229.7030, 5.0900,
-4.1420

■ 29.8600, 3.2100,
-3.1100

■ 253.9740, 2.8890,
-2.7990

■ 4.4190, 0.1380,
-2.5020

■ 0.0000, 0.0000,
0.0000

■ 121.9310, 4.4480,
-3.5200

■ 121.9310, 4.4480,
-3.5200

■ 119.9760, 8.5750,
-6.7290

■ 123.8860, 0.3210,
-0.3110

■ 117.9070, 13.0230,
-10.2490

■ 125.9550, -4.1270,
3.2090

■ 115.9520, 17.1500,
-13.4580

■ 127.9100, -8.2540,
6.4180

■ 113.8830, 21.5980,
-16.9780

■ 129.9790,
-12.7020, 9.9380

■ 111.9280, 25.7250,
-20.1870

■ 131.9340,
-16.8290, 13.1470

■ 109.9730, 29.8520,
-23.3960

■ 133.8890,
-20.9560, 16.3560

■ 107.9040, 34.3000,
-26.9160

■ 135.9580,
-25.4040, 19.8760

■ 105.9490, 38.4270,

■ 137.9130,

-30.1250

-29.5310, 23.0850

■ 103.9940, 42.5540,
-33.3340

■ 139.9820,
-33.9790, 26.6050

Harmonies

Analogous

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



122.5510, 8.5740, -1.2020



121.9310, 4.4480, -3.5200



121.3540, -1.2370, -5.1170

Triad

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



121.9310, 4.4480, -3.5200



120.9000, -11.4620, -1.5260



123.8700, 6.4180, 4.8340

Complementary

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



121.9310, 4.4480, -3.5200



113.0690, -4.4480, 3.5200

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.



123.3470, 0.6410, 4.9050



121.9310, 4.4480, -3.5200



121.8510, -9.7660, 0.7780

Square

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



121.9310, 4.4480, -3.5200



120.5040, -10.4070, -4.1270



122.7700, -5.0440, 3.3080



123.1970, 9.8110, 3.9150

Rectangle

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



121.9310, 4.4480, -3.5200



121.0870, -4.8590, -5.5550



122.7700, -5.0440, 3.3080



123.5000, 4.5840, 5.0320

Sweetspot

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



121.9310, 4.4480, -3.5200



159.8430, 1.8800, -1.0320



115.0010, 7.4270, 3.0670



80.9570, 1.5590, -0.7210



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



121.9310, 4.4480, -3.5200



157.4320, 7.2910, -5.4850



121.0230, 1.1930, -5.1030



60.3160, 1.9260, -1.8660



104.8800, 42.8750, -33.6450



212.1190, 86.1170, -68.4350

Inverse Universe

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



113.0690, -4.4480, 3.5200



142.9810, -7.0160, 6.0080



113.9770, -1.1930, 5.1030



56.2710, -2.2010, 1.3430



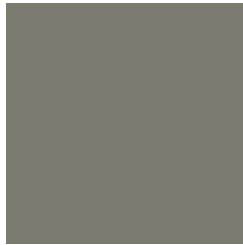
20.1200, -42.8750, 33.6450



39.8810, -86.1170, 68.4350

Previews

White Background



This preview shows how the YIQ color 121.9310, 4.4480, -3.5200 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 121.9310, 4.4480, -3.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

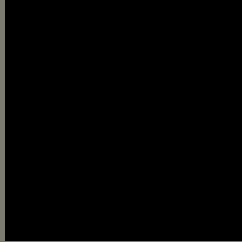
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.9310, 4.4480, -3.5200

Background



This preview shows how black text looks on a background with the YIQ color 121.9310, 4.4480, -3.5200.



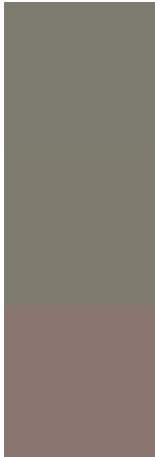
This preview shows how white text looks on a background with the YIQ color 121.9310, 4.4480,

-3.5200.

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

121.9310, 4.4480, -3.5200

Protanopia

122.1270, 6.8320, -2.6720

Deuteranopia

123.2960, 13.8460, 2.3740



Tritanopia

123.2330, 0.9620, 4.5940

Trichromacy



Original Color

121.9310, 4.4480, -3.5200

Protanomaly

121.8280, 6.2360, -2.8840

Deuteranomaly

122.9750, 10.3160, 0.2680

Tritanomaly

122.7230, 2.3380, 1.6820

Monochromacy



Original Color

121.9310, 4.4480, -3.5200

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9310, 4.4480, -3.5200 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(124, 123, 111)` looks like.

```
.text, #text, p{  
    color:rgb(124, 123, 111)  
}
```

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(124, 123, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 123, 111) }
```

Border

The CSS property to change the border of an element to YIQ 121.9310, 4.4480, -3.5200 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(124, 123, 111) }
```


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

```
.border{ border-color:rgb(124, 123, 111) }
```

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

Here you see how a box with a 4 pixel rgb(124, 123, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 123, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 123, 111);  
box-shadow:4px 4px 4px 4px rgb(124, 123,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9310, 4.4480, -3.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 123, 111) }
```

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

```
.background{ background-color: rgb(124,  
123, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor