

# Converting Colors

YIQ(121.1510, 7.4250, 14.1210)

Have a look what the booklet for  
YIQ(121.1510, 7.4250, 14.1210)  
contains.

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# Color

**YIQ(121.1510, 7.4250,  
14.1210)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896E89
RGB	137, 110, 137
RGB Percent	54%, 43%, 54%
CMY	0.4627, 0.5687, 0.4627
CMYK	0.00, 0.20, 0.00, 0.46
HSL	300°, 11%, 48%
HSV	300°, 20%, 54%
XYZ	20.4101, 18.2757, 26.1196
YIQ	121.1510, 7.4250, 14.1210

# Conversions

## Conversions Part 2

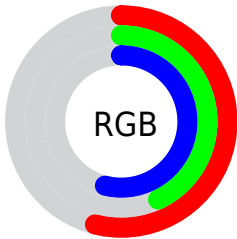
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 110, 137
Decimal	9006729
CIE <sub>Lab</sub>	49.83, 15.67, -10.77
CIE <sub>LCh</sub>	50, 19.015, 325.494
Yxy	18.2757, 0.3149, 0.2820
Android (android.graphics.Color)	4287196809 (0xFF896E89)
YUV	121.1510, 7.8136, 13.8996
Hunter-Lab	42.7501, 10.4083, -6.3000

# Details

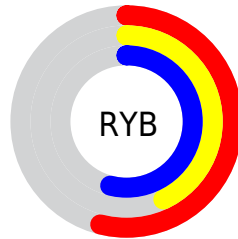
The YIQ color  $121.1510, 7.4250, 14.1210$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $125.8490, -7.4250, -14.1210$ , and the grayscale version is  $121.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $173.8630, 8.2960, 14.8560$ , and  $72.3250, 6.8750, 13.0750$  is the 20% darker color. If you saturate the color by 10%, you get  $112.9330, 11.2750, 21.4430$ , and if you desaturate by 10%, it is  $129.3690, 3.5750, 6.7990$ .

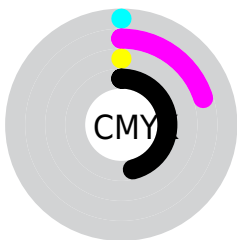
# Distribution



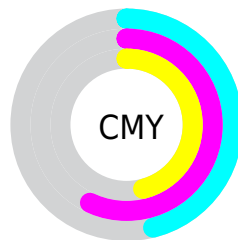
- Red (54%)
- Green (43%)
- Blue (54%)



- Red (54%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1510, 7.4250, 14.1210 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 121.1510, 7.4250, 14.1210 by changing the saturation by 10% instead.



■ 121.1510, 7.4250,  
14.1210

■ 121.1510, 7.4250,  
14.1210

■ 255.0000, -0.0000,  
-0.0000

■ 96.4390, 6.5540,  
13.3860

■ 173.8630, 8.2960,  
14.8560

■ 72.3250, 6.8750,  
13.0750

■ 201.2760, 8.5710,  
15.3790

■ 49.6130, 6.0040,  
12.3400

■ 229.3900, 8.2500,  
15.6900

■ 28.2000, 5.7290,  
11.8170

■ 249.1300, 2.7500,  
5.2300

■ 9.0860, 6.0500,  
11.5060

■ 0.0000, 0.0000,  
0.0000

121.1510, 7.4250,  
14.1210

121.1510, 7.4250,  
14.1210

112.9330, 11.2750,  
21.4430

129.3690, 3.5750,  
6.7990

105.3020, 14.8500,  
28.2420

137.0000, -0.0000,  
0.0000

97.0840, 18.7000,  
35.5640

145.2180, -3.8500,  
-7.3220

88.8660, 22.5500,  
42.8860

153.4360, -7.7000,  
-14.6440

80.6480, 26.4000,  
50.2080

161.6540,  
-11.5500, -21.9660

73.0170, 29.9750,  
57.0070

169.2850,  
-15.1250, -28.7650

64.7990, 33.8250,  
64.3290


177.5030,  
-18.9750, -36.0870

56.5810, 37.6750,

185.7210,

71.6510

-22.8250, -43.4090

 193.3520,  
-26.4000, -50.2080

# Harmonies

## Analogous

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



119.6590, -8.8050, 10.8990



121.1510, 7.4250, 14.1210



121.2680, 20.2170, 13.5690

# Triad

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



121.1510, 7.4250, 14.1210



118.2500, 19.4870, -6.2490



110.8260, -34.9810, -10.3170

# Complementary

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



121.1510, 7.4250, 14.1210



125.8490, -7.4250, -14.1210

# 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.



111.5790, -24.1600, -13.6960



121.1510, 7.4250, 14.1210



116.4440, 7.0170, -11.5350

# Square

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



121.1510, 7.4250, 14.1210



119.0000, 26.3630, 1.2990



114.3650, -8.9380, -14.2340



112.9280, -35.0280, -3.9560



# Rectangle

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



121.1510, 7.4250, 14.1210



120.9110, 25.5360, 10.7840



114.3650, -8.9380, -14.2340



111.4410, -32.4590, -11.9710

# Sweetspot

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



121.1510, 7.4250, 14.1210



172.4290, 3.3460, 5.4420



113.0780, -8.6670, 8.3970



85.4780, 1.6500, 3.1380



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000



# Same Dimension

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



121.1510, 7.4250, 14.1210



153.6450, 12.1460, 22.1780



119.6690, 11.5980, 10.0780



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150



# Inverse Universe

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



121.1510, 7.4250, 14.1210



153.6450, 12.1460, 22.1780



127.4450, -11.9190, -9.7670



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590

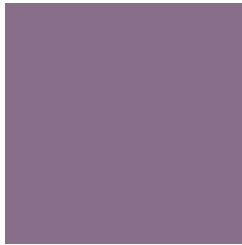


2.0650, 1.3750, 2.6150



# Previews

## White Background



This preview shows how the YIQ color 121.1510, 7.4250, 14.1210 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

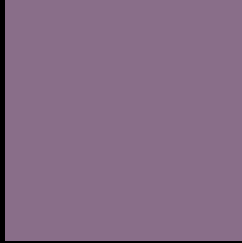
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 121.1510, 7.4250, 14.1210 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 121.1510, 7.4250, 14.1210

## Background



This preview shows how black text looks on a background with the YIQ color 121.1510, 7.4250, 14.1210.



This preview shows how white text looks on a background with the YIQ color 121.1510, 7.4250,



# 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

121.1510, 7.4250, 14.1210

### Protanopia

119.5400, -10.0880, 6.6160

### Deuteranopia

120.0740, -2.8440, 7.4920



## Tritanopia

120.6040, 10.2230, 7.4630

# Trichromacy



## Original Color

121.1510, 7.4250, 14.1210

## Protanomaly

119.9430, -3.8530, 9.2590

## Deuteranomaly

120.3950, 0.6860, 9.5980

## Tritanomaly

120.8860, 9.4890, 9.7530

# Monochromacy



## Original Color

121.1510, 7.4250, 14.1210

## Achromatopsia

121.0000, -0.0000, 0.0000

## Achromatomaly

121.1300, 2.7500, 5.2300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 121.1510, 7.4250, 14.1210 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(137, 110, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 110, 137)  
}
```

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(137, 110, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 110, 137) }
```

## Border

The CSS property to change the border of an element to YIQ 121.1510, 7.4250, 14.1210 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(137, 110, 137) }
```



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

```
.border{ border-color:rgb(137, 110, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 110, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 110, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 110, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 110,  
137) }
```

# Background

The CSS property to change the background color of an element to YIQ 121.1510, 7.4250, 14.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 110, 137) }
```

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

```
.background{ background-color: rgb(137,  
110, 137) }
```

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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