

# Converting Colors

YIQ(143.7500, 33.2390, 8.8470)

Have a look what the booklet for  
YIQ(143.7500, 33.2390, 8.8470)  
contains.

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# Color

**YIQ(143.7500, 33.2390,  
8.8470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5817A
RGB	181, 129, 122
RGB Percent	71%, 51%, 48%
CMY	0.2901, 0.4942, 0.5214
CMYK	0.00, 0.29, 0.33, 0.29
HSL	7°, 29%, 59%
HSV	7°, 33%, 71%
XYZ	30.4256, 26.9282, 22.0178
YIQ	143.7500, 33.2390, 8.8470

# Conversions

## Conversions Part 2

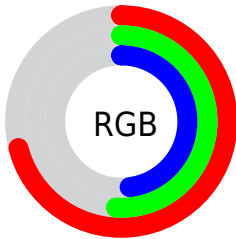
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 130, 122
Decimal	11895162
CIE <sub>Lab</sub>	58.91, 19.16, 11.76
CIE <sub>LCh</sub>	59, 22.478, 31.547
Yxy	26.9282, 0.3833, 0.3393
Android (android.graphics.Color)	4290085242 (0xFFB5817A)
YUV	143.7500, -10.7227, 32.6683
Hunter-Lab	51.8924, 13.8466, 11.1681

# Details

The YIQ color **143.7500, 33.2390, 8.8470** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **159.2500, -33.2390, -8.8470**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8320, 35.9440, 9.3840**, and **92.6680, 30.5340, 8.3100** is the 20% darker color. If you saturate the color by 10%, you get **132.3060, 43.4170, 11.6170**, and if you desaturate by 10%, it is **155.1940, 23.0610, 6.0770**.

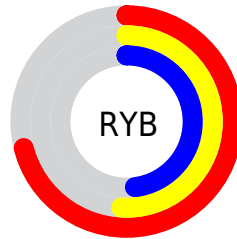
# Distribution



Red (71%)

Green (51%)

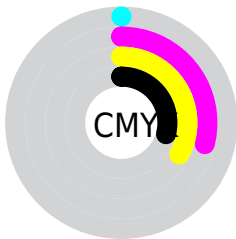
Blue (48%)



Red (71%)

Yellow (51%)

Blue (48%)

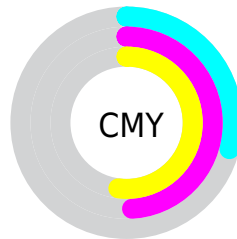


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.7500, 33.2390, 8.8470 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 143.7500, 33.2390, 8.8470 by changing the saturation by 10% instead.





 143.7500, 33.2390,  
8.8470


 143.7500, 33.2390,  
8.8470


255.0000, -0.0000,  
-0.0000


 117.8530, 31.4510,  
8.2110


 197.8320, 35.9440,  
9.3840


 92.6680, 30.5340,  
8.3100


 222.5430, 29.3880,  
7.0520

 68.8850, 28.4250,  
7.9850

 242.1710, 12.7000,  
1.1160

 45.8030, 25.7200,  
7.4480

 22.8630, 25.4910,  
6.0910

 8.4860, 16.3670,  
6.2470

 0.0000, 0.0000,

0.0000

■ 143.7500, 33.2390,  
8.8470

■ 143.7500, 33.2390,  
8.8470

■ 132.3060, 43.4170,  
11.6170

■ 155.1940, 23.0610,  
6.0770

■ 120.8620, 53.5950,  
14.3870

■ 166.6380, 12.8830,  
3.3070

■ 109.4180, 63.7730,  
17.1570

■ 178.0820, 2.7050,  
0.5370

■ 97.9740, 73.9510,  
19.9270

■ 189.5260, -7.4730,  
-2.2330

■ 86.5300, 84.1290,  
22.6970

■ 201.0840,  
-17.9720, -4.6920

■ 74.9720, 94.6280,  
25.1560

■ 212.5280,  
-28.1500, -7.4620

■ 66.4460, 102.1010,  
27.3890

■ 223.9720,  
-38.3280, -10.2320

■ 232.8740,  
-44.1040, -15.6880

# Harmonies

## Analogous

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



144.4430, 27.0940, 15.5900



143.7500, 33.2390, 8.8470



142.3980, 30.9940, -0.0300

# Triad

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



143.7500, 33.2390, 8.8470



135.7340, -14.5310, -17.4990



140.1560, -26.5020, 6.7300

# Complementary

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



143.7500, 33.2390, 8.8470



159.2500, -33.2390, -8.8470

# 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.



135.6330, -41.4470, -3.2630



143.7500, 33.2390, 8.8470



133.5070, -32.8250, -16.3530

# Square

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



143.7500, 33.2390, 8.8470



138.6670, 4.7710, -14.8850



132.5090, -44.3340, -11.5180



143.4360, -6.5590, 14.2490



# Rectangle

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



143.7500, 33.2390, 8.8470



141.4740, 24.6680, -6.5320



132.5090, -44.3340, -11.5180



138.5250, -32.0950, 3.4650

# Sweetspot

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



143.7500, 33.2390, 8.8470



219.9370, 13.4790, 3.5190



145.5690, 18.4720, 28.6800



108.3600, 7.7940, 1.9220



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



143.7500, 33.2390, 8.8470



176.9650, 51.8070, 13.7510



160.7730, 25.2640, -6.3200



83.2780, 5.0890, 1.3850



56.3130, 86.2380, 23.0220



9.5350, 14.6710, 3.9430



# Inverse Universe

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



159.2500, -33.2390, -8.8470



201.0350, -51.8070, -13.7510



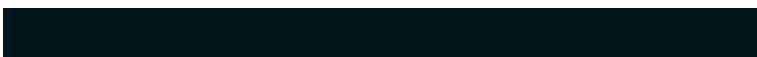
142.2270, -25.2640, 6.3200



85.7220, -5.0890, -1.3850



96.6870, -86.2380, -23.0220



15.8780, -14.3960, -3.4200



# Previews

## White Background



This preview shows how the YIQ color 143.7500, 33.2390, 8.8470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

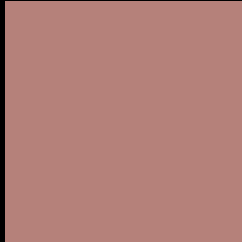
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 143.7500, 33.2390, 8.8470 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 143.7500, 33.2390, 8.8470**

## **Background**



This preview shows how black text looks on a background with the YIQ color 143.7500, 33.2390, 8.8470.



This preview shows how white text looks on a background with the YIQ color 143.7500, 33.2390,



# 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

143.7500, 33.2390, 8.8470

### Protanopia

142.1980, 8.0700, -3.0820

### Deuteranopia

142.9500, 20.6320, 0.5360



## Tritanopia

144.4710, 29.8910, 14.4590

# Trichromacy



## Original Color

143.7500, 33.2390, 8.8470

## Protanomaly

142.6230, 17.2390, 1.4550

## Deuteranomaly

143.2820, 25.6290, 3.5890

## Tritanomaly

144.4880, 31.2210, 12.3810

# Monochromacy



## Original Color

143.7500, 33.2390, 8.8470

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

144.0400, 11.6910, 2.8830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.7500, 33.2390, 8.8470 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(181, 129, 122)` looks like.

```
.text, #text, p{  
    color:rgb(181, 129, 122)  
}
```

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(181, 129, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 129, 122) }
```

## Border

The CSS property to change the border of an element to YIQ 143.7500, 33.2390, 8.8470 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(181, 129, 122) }
```



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

```
.border{ border-color:rgb(181, 129, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 129, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 129, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 129, 122);  
box-shadow:4px 4px 4px 4px rgb(181, 129,  
122) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.7500, 33.2390, 8.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 129, 122) }
```

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

```
.background{ background-color: rgb(181,  
129, 122) }
```

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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