

# Converting Colors

YIQ(149.5700, 33.9260, 12.9180)

Have a look what the booklet for  
YIQ(149.5700, 33.9260, 12.9180)  
contains.

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# Color

**YIQ(149.5700, 33.9260,  
12.9180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE8486
RGB	190, 132, 134
RGB Percent	75%, 52%, 53%
CMY	0.2548, 0.4824, 0.4744
CMYK	0.00, 0.31, 0.29, 0.25
HSL	358°, 31%, 63%
HSV	358°, 31%, 75%
XYZ	33.7975, 29.1698, 26.4157
YIQ	149.5700, 33.9260, 12.9180

# Conversions

## Conversions Part 2

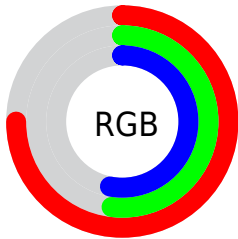
Format	Color
<a href="#">RYB</a>	<a href="#">190, 132, 134</a>
Decimal	<a href="#">12485766</a>
CIELab	<a href="#">60.93, 22.63, 7.90</a>
CIELCh	<a href="#">61, 23.970, 19.249</a>
Yxy	<a href="#">29.1698, 0.3781, 0.3263</a>
Android (android.graphics.Color)	<a href="#">4290675846</a> (0xFFBE8486)
YUV	<a href="#">149.5700, -7.6760, 35.4571</a>
Hunter-Lab	<a href="#">54.0091, 17.1847, 8.8078</a>

# Details

The YIQ color **149.5700, 33.9260, 12.9180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172.4300, -33.9260, -12.9180**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.7660, 36.3100, 13.7660**, and **98.0750, 30.9460, 11.8580** is the 20% darker color. If you saturate the color by 10%, you get **136.3650, 44.9290, 17.2570**, and if you desaturate by 10%, it is **162.7750, 22.9230, 8.5790**.

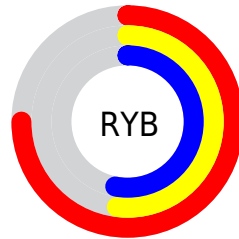
# Distribution



Red (75%)

Green (52%)

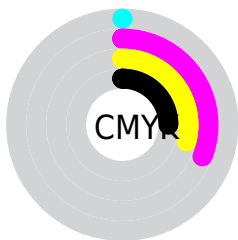
Blue (53%)



Red (75%)

Yellow (52%)

Blue (53%)

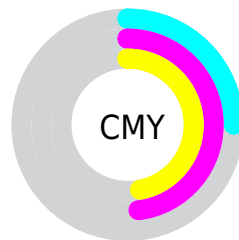


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (48%)


Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5700, 33.9260, 12.9180 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 149.5700, 33.9260, 12.9180 by changing the saturation by 10% instead.





 149.5700, 33.9260,  
12.9180


 149.5700, 33.9260,  
12.9180


255.0000, -0.0000,  
-0.0000


 123.0860, 32.4130,  
12.8050


 204.0650, 36.9060,  
13.9780


 98.1890, 30.6250,  
12.1690


 225.7860, 24.3900,  
9.5260

 73.5910, 29.4330,  
11.7450

 246.0010, 7.4270,  
3.0670

 50.5090, 26.7280,  
11.2080

 27.1390, 24.8940,  
11.4060

 11.4760, 22.3270,  
8.3670

 0.0000, 0.0000,

0.0000

■ 149.5700, 33.9260,  
12.9180

■ 149.5700, 33.9260,  
12.9180

■ 136.3650, 44.9290,  
17.2570

■ 162.7750, 22.9230,  
8.5790

■ 123.0460, 56.2530,  
21.2850

■ 176.0940, 11.5990,  
4.5510

■ 109.8410, 67.2560,  
25.6240

■ 189.2990, 0.5960,  
0.2120

■ 96.6360, 78.2590,  
29.9630

■ 202.5040,  
-10.4070, -4.1270

■ 83.3170, 89.5830,  
33.9910

■ 215.8230,  
-21.7310, -8.1550

■ 70.1120, 100.5860,  
38.3300

■ 229.0280,  
-32.7340, -12.4940

■ 57.6080, 110.9930,  
42.4570

■ 235.5650,  
-38.7400, -13.7800

# Harmonies

## Analogous

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



150.2840, 23.2880, 18.4880



149.5700, 33.9260, 12.9180



148.0720, 35.0280, 3.9560

# Triad

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



149.5700, 33.9260, 12.9180



141.6270, -6.9200, -17.7680



142.9590, -36.3130, 2.8150

# Complementary

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



149.5700, 33.9260, 12.9180



172.4300, -33.9260, -12.9180

# 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.



137.8770, -48.1860, -7.7860



149.5700, 33.9260, 12.9180



138.6770, -27.5520, -18.3040

# Square

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



149.5700, 33.9260, 12.9180



144.5000, 12.6110, -13.7970



136.9880, -44.4250, -15.3770



147.7060, -16.1870, 12.5250



# Rectangle

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



149.5700, 33.9260, 12.9180



147.4040, 30.8570, -3.0550



136.9880, -44.4250, -15.3770



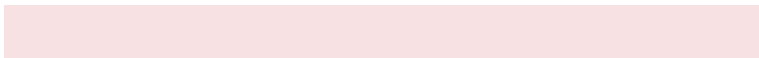
141.2140, -41.5850, -0.7610

# Sweetspot

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



149.5700, 33.9260, 12.9180



231.6920, 12.7910, 4.9750



155.0570, 14.1620, 29.6980



115.3000, 8.0230, 3.2790



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



149.5700, 33.9260, 12.9180



183.5510, 53.2730, 20.2250



164.6040, 27.4180, -1.3020



87.6910, 5.3640, 1.9080



47.9260, 92.2420, 35.3620



9.3830, 18.1550, 6.8830



# Inverse Universe

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



149.5700, 33.9260, 12.9180



183.5510, 53.2730, 20.2250



157.3960, -27.4180, 1.3020



87.6910, 5.3640, 1.9080



47.9260, 92.2420, 35.3620

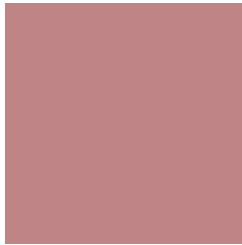


9.3830, 18.1550, 6.8830



# Previews

## White Background



This preview shows how the YIQ color 149.5700, 33.9260, 12.9180 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

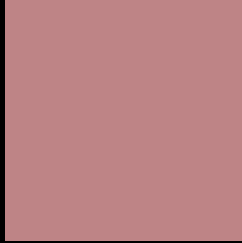
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 149.5700, 33.9260, 12.9180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

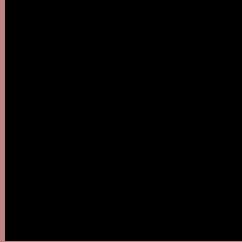
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 149.5700, 33.9260, 12.9180

## Background



This preview shows how black text looks on a background with the YIQ color 149.5700, 33.9260, 12.9180.



This preview shows how white text looks on a background with the YIQ color 149.5700, 33.9260,



# 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

149.5700, 33.9260, 12.9180

### Protanopia

147.6260, 3.9890, -0.7070

### Deuteranopia

148.3350, 18.1100, 2.1900



## Tritanopia

150.0800, 32.5500, 15.8300

# Trichromacy



## Original Color

149.5700, 33.9260, 12.9180

## Protanomaly

148.5350, 14.6710, 3.9430

## Deuteranomaly

148.4930, 23.6570, 6.2890

## Tritanomaly

149.7380, 33.5130, 14.8970

# Monochromacy



## Original Color

149.5700, 33.9260, 12.9180

## Achromatopsia

150.0000, -0.0000, -0.0000

## Achromatomaly

149.6920, 12.7910, 4.9750

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.5700, 33.9260, 12.9180 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(190, 132, 134)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 134)  
}
```

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(190, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 134) }
```

## Border

The CSS property to change the border of an element to YIQ 149.5700, 33.9260, 12.9180 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(190, 132, 134) }
```



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

```
.border{ border-color:rgb(190, 132, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 132, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 132, 134); box-shadow:4px 4px 4px 4px rgb(190, 132, 134) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.5700, 33.9260, 12.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 134) }
```

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

```
.background{ background-color: rgb(190,  
132, 134) }
```

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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