

Converting Colors

YIQ(149.6590, 34.7530, 3.4330)

Have a look what the booklet for
YIQ(149.6590, 34.7530, 3.4330)
contains.

YIQ(149.6590, 34.7530, 3.4330)	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(149.6590, 34.7530,
3.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	B98A75
RGB	185, 138, 117
RGB Percent	73%, 54%, 46%
CMY	0.2744, 0.4589, 0.5410
CMYK	0.00, 0.25, 0.37, 0.27
HSL	18°, 33%, 59%
HSV	18°, 37%, 73%
XYZ	32.3125, 29.7740, 20.8856
YIQ	149.6590, 34.7530, 3.4330

Conversions

Conversions Part 2

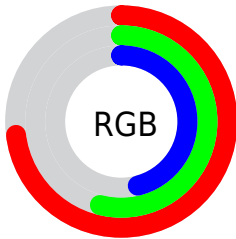
Format	Color
RYB	185, 147, 117
Decimal	12159605
CIELab	61.46, 15.09, 18.21
CIELCh	61, 23.647, 50.346
Yxy	29.7740, 0.3894, 0.3588
Android (android.graphics.Color)	4290349685 (0xFFB98A75)
YUV	149.6590, -16.1009, 30.9941
Hunter-Lab	54.5655, 10.2141, 15.5019

Details

The YIQ color **149.6590, 34.7530, 3.4330** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **152.3410, -34.7530, -3.4330**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3280, 37.1830, 3.4470**, and **98.3920, 31.1310, 2.9950** is the 20% darker color. If you saturate the color by 10%, you get **139.9760, 44.1060, 4.6340**, and if you desaturate by 10%, it is **159.4560, 25.0790, 2.5430**.

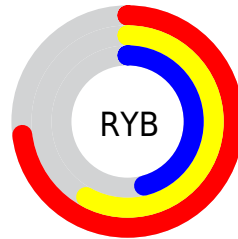
Distribution



Red (73%)

Green (54%)

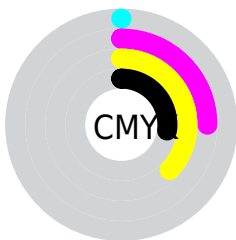
Blue (46%)



Red (73%)

Yellow (58%)

Blue (46%)

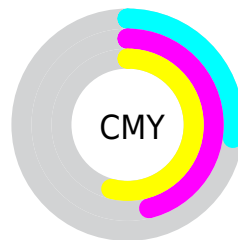


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.6590, 34.7530, 3.4330 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 149.6590, 34.7530, 3.4330 by changing the saturation by 10% instead.


 149.6590, 34.7530,
3.4330


 149.6590, 34.7530,
3.4330


255.0000, -0.0000,
-0.0000


 123.1750, 33.2400,
3.3200


 204.3280, 37.1830,
3.4470

 98.3920, 31.1310,
2.9950


 227.1420, 28.8390,
0.4790


 73.9080, 29.6180,
2.8820

 247.3570, 11.8760,
-5.9800

 50.8260, 26.9130,
2.3450

254.7720, 0.6420,
-0.6220

 28.7720, 27.0050,
0.6770

 9.5680, 19.0720,
6.7840

 0.0000, 0.0000,

0.0000

■ 149.6590, 34.7530,
3.4330

■ 149.6590, 34.7530,
3.4330

■ 139.9760, 44.1060,
4.6340

■ 159.4560, 25.0790,
2.5430

■ 130.1790, 53.7800,
5.5240

■ 169.1390, 15.7260,
1.3420

■ 121.0830, 62.8580,
6.2020

■ 178.3490, 6.3270,
0.9750

■ 111.2860, 72.5320,
7.0920

■ 188.0320, -3.0260,
-0.2260

■ 101.6030, 81.8850,
8.2930

■ 197.8290,
-12.7000, -1.1160

■ 91.8060, 91.5590,
9.1830

■ 207.5120,
-22.0530, -2.3170

■ 88.7740, 94.5850,
9.4090

■ 217.3090,
-31.7270, -3.2070

■ 225.2650,
-37.5950, -6.9950

■ 232.8960,
-41.1700, -13.7940

Harmonies

Analogous

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



151.1570, 33.6510, 12.3950



149.6590, 34.7530, 3.4330



148.1430, 27.0980, -6.5180

Triad

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



149.6590, 34.7530, 3.4330



140.4920, -28.4690, -18.2050



148.8910, -15.2700, 12.4260

Complementary

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



149.6590, 34.7530, 3.4330



152.3410, -34.7530, -3.4330

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.



144.5570, -35.1210, 3.2390



149.6590, 34.7530, 3.4330



138.4010, -44.1500, -14.8540

Square

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



149.6590, 34.7530, 3.4330



143.3280, -7.5160, -17.9800



140.1760, -47.5900, -7.5740



151.4870, 6.5990, 18.0790

Rectangle

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



149.6590, 34.7530, 3.4330



146.3050, 17.6540, -11.5780



140.1760, -47.5900, -7.5740



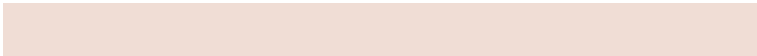
148.1890, -22.1010, 9.5710

Sweetspot

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



149.6590, 34.7530, 3.4330



225.7690, 13.8920, 1.5400



142.8040, 25.1200, 29.3440



111.7190, 8.1610, 0.7770



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



149.6590, 34.7530, 3.4330



185.0650, 54.1010, 5.2130



169.0300, 25.6780, -13.8260



86.8650, 4.8140, 0.8620



74.8200, 79.7760, 7.9680



13.6550, 14.2130, 1.2290

Inverse Universe

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



152.3410, -34.7530, -3.4330



188.9350, -54.1010, -5.2130



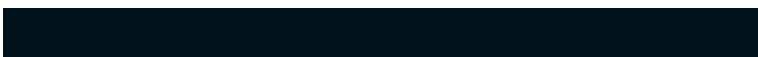
132.9700, -25.6780, 13.8260



87.5480, -4.5390, -0.3390



81.1800, -79.7760, -7.9680



14.3450, -14.2130, -1.2290

Previews

White Background



This preview shows how the YIQ color 149.6590, 34.7530, 3.4330 looks on a white background.

Color Contrast Check

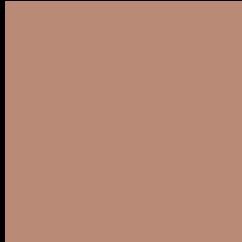
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.6590, 34.7530, 3.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

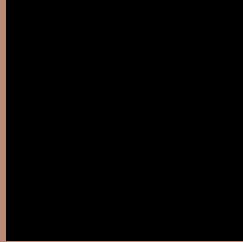
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.6590, 34.7530, 3.4330

Background



This preview shows how black text looks on a background with the YIQ color 149.6590, 34.7530, 3.4330.



This preview shows how white text looks on a background with the YIQ color 149.6590, 34.7530,

3.4330.

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

149.6590, 34.7530, 3.4330

Protanopia

147.7270, 13.7100, -6.1780

Deuteranopia

149.1910, 27.1430, -1.8250



Tritanopia

151.2860, 28.9740, 14.5580

Trichromacy



Original Color

149.6590, 34.7530, 3.4330

Protanomaly

148.1410, 21.4120, -2.5880

Deuteranomaly

149.2130, 30.0770, 0.0690

Tritanomaly

150.4340, 31.3130, 10.7130

Monochromacy



Original Color

149.6590, 34.7530, 3.4330

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1710, 12.7000, 1.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6590, 34.7530, 3.4330 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(185, 138, 117)` looks like.

```
.text, #text, p{  
    color:rgb(185, 138, 117)  
}
```

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(185, 138, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 138, 117) }
```

Border

The CSS property to change the border of an element to YIQ 149.6590, 34.7530, 3.4330 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(185, 138, 117) }
```


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

```
.border{ border-color:rgb(185, 138, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 138, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 138, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 138, 117); box-shadow:4px 4px 4px 4px rgb(185, 138, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6590, 34.7530, 3.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 138, 117) }
```

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

```
.background{ background-color: rgb(185,  
138, 117) }
```

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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