

Converting Colors

YIQ(129.8830, 39.9340, 3.1500)

Have a look what the booklet for
YIQ(129.8830, 39.9340, 3.1500)
contains.

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Color

**YIQ(129.8830, 39.9340,
3.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	AA755B
RGB	170, 117, 91
RGB Percent	67%, 46%, 36%
CMY	0.3332, 0.5412, 0.6430
CMYK	0.00, 0.31, 0.46, 0.33
HSL	20°, 32%, 51%
HSV	20°, 46%, 67%
XYZ	24.8326, 22.0227, 12.8498
YIQ	129.8830, 39.9340, 3.1500

Conversions

Conversions Part 2

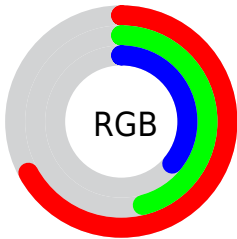
Format	Color
R_{YB}	170, 130, 91
Decimal	11171163
CIE Lab	54.05, 17.70, 22.68
CIE LCh	54, 28.765, 52.028
Yxy	22.0227, 0.4159, 0.3689
Android (android.graphics.Color)	4289361243 (0xFFAA755B)
YUV	129.8830, -19.1693, 35.1826
Hunter-Lab	46.9283, 12.3306, 16.6151

Details

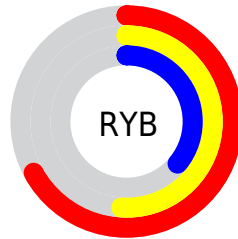
The YIQ color **129.8830, 39.9340, 3.1500** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **131.1170, -39.9340, -3.1500**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.1500, 43.5560, 3.5880**, and **79.4310, 35.3950, 2.8110** is the 20% darker color. If you saturate the color by 10%, you get **121.4880, 48.4160, 3.6160**, and if you desaturate by 10%, it is **138.2780, 31.4520, 2.6840**.

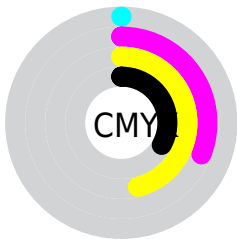
Distribution



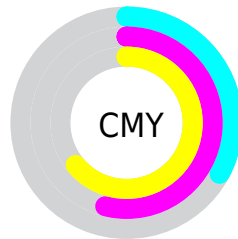
- Red (67%)
- Green (46%)
- Blue (36%)



- Red (67%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (33%)




- Cyan (33%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.8830, 39.9340, 3.1500 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 129.8830, 39.9340, 3.1500 by changing the saturation by 10% instead.


 129.8830, 39.9340,
3.1500


 129.8830, 39.9340,
3.1500


255.0000, -0.0000,
-0.0000


 104.1000, 37.8250,
2.8250


 183.1500, 43.5560,
3.5880


 79.4310, 35.3950,
2.8110


 211.0360, 43.8770,
3.2770

 56.3490, 32.6900,
2.2740

 230.5500, 27.5100,
-2.9700

 33.2240, 31.5440,
1.0160

 250.1780, 10.8220,
-8.9060

 11.9600, 23.8400,
8.4800

254.6580, 0.9630,
-0.9330

 0.0000, 0.0000,
0.0000

■ 129.8830, 39.9340,
3.1500

■ 129.8830, 39.9340,
3.1500

■ 121.4880, 48.4160,
3.6160

■ 138.2780, 31.4520,
2.6840

■ 112.5060, 57.1730,
4.6050

■ 147.2600, 22.6950,
1.6950

■ 104.1110, 65.6550,
5.0710

■ 155.6550, 14.2130,
1.2290

■ 95.1290, 74.4120,
6.0600

■ 164.6370, 5.4560,
0.2400

■ 86.7340, 82.8940,
6.5260

■ 173.0320, -3.0260,
-0.2260

■ 83.7020, 85.9200,
6.7520

■ 181.4270,
-11.5080, -0.6920

■ 190.4090,
-20.2650, -1.6810

■ 198.8040,

-28.7470, -2.1470

■ 207.7860,
-37.5040, -3.1360

Harmonies

Analogous

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



131.1470, 39.6110, 14.5150



129.8830, 39.9340, 3.1500



127.9430, 30.5370, -8.2710

Triad

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



129.8830, 39.9340, 3.1500



117.4800, -37.3630, -22.2190



130.1020, -17.2420, 15.1260

Complementary

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



129.8830, 39.9340, 3.1500



131.1170, -39.9340, -3.1500

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.



123.7670, -44.5200, 2.8720



129.8830, 39.9340, 3.1500



112.0720, -62.3970, -20.0690

Square

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



129.8830, 39.9340, 3.1500



122.3660, -10.6790, -21.2310



115.0860, -65.0120, -11.2200



132.3780, 8.5240, 21.7400

Rectangle

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



129.8830, 39.9340, 3.1500



126.6810, 19.3510, -14.8010



115.0860, -65.0120, -11.2200



128.3180, -26.7780, 11.7340

Sweetspot

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



129.8830, 39.9340, 3.1500



206.1390, 15.7260, 1.3420



120.7770, 29.7500, 33.5420



102.2030, 9.6740, 0.8900



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



129.8830, 39.9340, 3.1500



158.5560, 62.9040, 5.3680



152.7760, 29.2090, -17.2470



79.5660, 4.2180, 0.6500



73.0150, 74.7330, 5.7490



10.0890, 9.9950, 0.5790

Inverse Universe

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



131.1170, -39.9340, -3.1500



160.8570, -62.6290, -4.8450



108.8110, -29.4840, 16.7240



79.8470, -3.9430, -0.1270



74.9850, -74.7330, -5.7490



10.4980, -10.2700, -1.1020

Previews

White Background



This preview shows how the YIQ color 129.8830, 39.9340, 3.1500 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 129.8830, 39.9340, 3.1500 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 129.8830, 39.9340, 3.1500

Background



This preview shows how black text looks on a background with the YIQ color 129.8830, 39.9340, 3.1500.



This preview shows how white text looks on a background with the YIQ color 129.8830, 39.9340,

3.1500.

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

129.8830, 39.9340, 3.1500

Protanopia

128.2280, 16.5530, -8.1430

Deuteranopia

129.3930, 29.3900, -4.0020



Tritanopia

131.8520, 33.1920, 15.2080

Trichromacy



Original Color

129.8830, 39.9340, 3.1500

Protanomaly

128.9410, 24.8510, -4.3410

Deuteranomaly

129.1270, 33.1950, -1.3730

Tritanomaly

130.8860, 35.8520, 11.0520

Monochromacy



Original Color

129.8830, 39.9340, 3.1500

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9540, 14.8090, 1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8830, 39.9340, 3.1500 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(170, 117, 91)` looks like.

```
.text, #text, p{  
    color:rgb(170, 117, 91)  
}
```

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(170, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 117, 91) }
```

Border

The CSS property to change the border of an element to YIQ 129.8830, 39.9340, 3.1500 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(170, 117, 91) }
```


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

```
.border{ border-color:rgb(170, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(170, 117,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8830, 39.9340, 3.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 117, 91) }
```

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

```
.background{ background-color: rgb(170,  
117, 91) }
```

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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