

Converting Colors

YIQ(132.1150, 33.4690, 4.6770)

Have a look what the booklet for
YIQ(132.1150, 33.4690, 4.6770)
contains.

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Color

**YIQ(132.1150, 33.4690,
4.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	A77867
RGB	167, 120, 103
RGB Percent	65%, 47%, 40%
CMY	0.3450, 0.5295, 0.5959
CMYK	0.00, 0.28, 0.38, 0.34
HSL	16°, 27%, 53%
HSV	16°, 38%, 66%
XYZ	25.1059, 22.6265, 15.8859
YIQ	132.1150, 33.4690, 4.6770

Conversions

Conversions Part 2

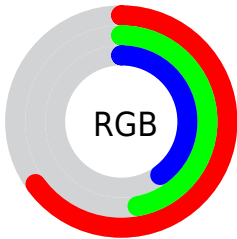
Format	Color
R_{YB}	167, 126, 103
Decimal	10975335
CIE _{Lab}	54.69, 16.13, 16.58
CIE _{LCh}	55, 23.135, 45.790
Yxy	22.6265, 0.3946, 0.3557
Android (android.graphics.Color)	4289165415 (0xFFA77867)
YUV	132.1150, -14.3537, 30.5941
Hunter-Lab	47.5673, 10.9692, 13.4963

Details

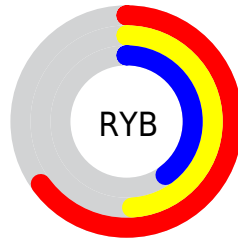
The YIQ color **132.1150, 33.4690, 4.6770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.8850, -33.4690, -4.6770**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1970, 36.1740, 5.2140**, and **81.8480, 29.8470, 4.2390** is the 20% darker color. If you saturate the color by 10%, you get **123.1330, 42.2260, 5.6660**, and if you desaturate by 10%, it is **141.0970, 24.7120, 3.6880**.

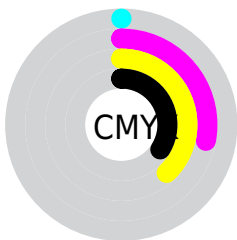
Distribution



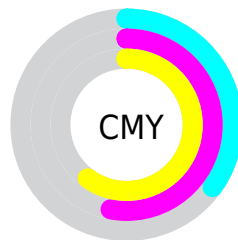
- Red (65%)
- Green (47%)
- Blue (40%)



- Red (65%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (34%)





- Cyan (35%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.1150, 33.4690, 4.6770 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 132.1150, 33.4690, 4.6770 by changing the saturation by 10% instead.


 132.1150, 33.4690,
4.6770


 132.1150, 33.4690,
4.6770


255.0000, -0.0000,
-0.0000


 106.6310, 31.9560,
4.5640


 185.4960, 36.7700,
5.4260


 81.8480, 29.8470,
4.2390


 213.6810, 37.6870,
5.3270


 58.0650, 27.7380,
3.9140

 233.9070, 22.1910,
-0.1850

 36.1680, 25.9500,
3.2780

 252.9480, 5.7780,
-5.5980

 14.3080, 22.7400,
6.3880

 0.0000, 0.0000,
0.0000

■ 132.1150, 33.4690,
4.6770

■ 132.1150, 33.4690,
4.6770

■ 123.1330, 42.2260,
5.6660

■ 141.0970, 24.7120,
3.6880

■ 113.6780, 50.9370,
7.4890

■ 150.5520, 16.0010,
1.8650

■ 104.6960, 59.6940,
8.4780

■ 159.5340, 7.2440,
0.8760

■ 95.7140, 68.4510,
9.4670

■ 168.5160, -1.5130,
-0.1130

■ 86.8460, 76.8870,
10.7670

■ 177.4980,
-10.2700, -1.1020

■ 77.2770, 85.9190,
12.2790

■ 186.9530,
-18.9810, -2.9250

■ 75.7610, 87.4320,
12.3920

■ 195.9350,
-27.7380, -3.9140

■ 204.9170,

-36.4950, -4.9030

■ 213.7850,
-44.9310, -6.2030

Harmonies

Analogous

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



133.0150, 31.1750, 13.2150



132.1150, 33.4690, 4.6770



130.4960, 27.6020, -4.6380

Triad

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



132.1150, 33.4690, 4.6770



123.0580, -24.2510, -17.5550



131.1680, -17.6080, 10.7440

Complementary

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



132.1150, 33.4690, 4.6770



137.8850, -33.4690, -4.6770

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.



126.6060, -36.8170, 0.9350



132.1150, 33.4690, 4.6770



120.9560, -41.3990, -15.1510

Square

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



132.1150, 33.4690, 4.6770



126.1220, -3.9400, -16.7080



121.8340, -46.6270, -8.5070



133.6930, 3.0230, 16.8070

Rectangle

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



132.1150, 33.4690, 4.6770



129.4300, 18.8000, -10.3200



121.8340, -46.6270, -8.5070



129.4660, -24.4390, 7.8890

Sweetspot

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



132.1150, 33.4690, 4.6770



203.6980, 12.6540, 1.9500



127.6080, 22.7360, 28.4960



101.8330, 7.8400, 1.0880



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



132.1150, 33.4690, 4.6770



162.1620, 52.4500, 7.6020



150.3120, 24.9440, -11.5360



79.5660, 4.2180, 0.6500



67.1450, 77.4830, 10.9790



8.9150, 10.5450, 1.6250

Inverse Universe

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



137.8850, -33.4690, -4.6770



171.2510, -52.1750, -7.0790



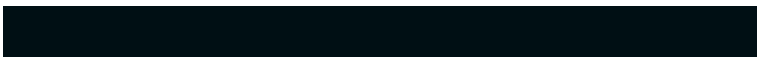
119.6880, -24.9440, 11.5360



80.4340, -4.2180, -0.6500



80.8550, -77.4830, -10.9790



11.0850, -10.5450, -1.6250

Previews

White Background



This preview shows how the YIQ color 132.1150, 33.4690, 4.6770 looks on a white background.

Color Contrast Check

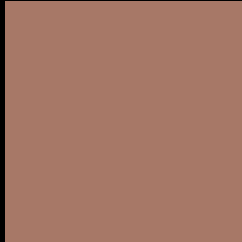
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.1150, 33.4690, 4.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

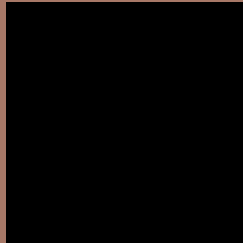
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.1150, 33.4690, 4.6770

Background



This preview shows how black text looks on a background with the YIQ color 132.1150, 33.4690, 4.6770.



This preview shows how white text looks on a background with the YIQ color 132.1150, 33.4690,

4.6770.

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

132.1150, 33.4690, 4.6770

Protanopia

130.7700, 12.1510, -5.4570

Deuteranopia

131.6360, 24.3920, -1.5280



Tritanopia

133.5740, 28.1030, 13.8230

Trichromacy



Original Color

132.1150, 33.4690, 4.6770

Protanomaly

131.1840, 19.8530, -1.8670

Deuteranomaly

131.9570, 27.9220, 0.5780

Tritanomaly

132.9500, 29.8000, 10.6000

Monochromacy



Original Color

132.1150, 33.4690, 4.6770

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.2850, 12.3790, 1.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.1150, 33.4690, 4.6770 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(167, 120, 103)` looks like.

```
.text, #text, p{  
    color:rgb(167, 120, 103)  
}
```

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(167, 120, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 120, 103) }
```

Border

The CSS property to change the border of an element to YIQ 132.1150, 33.4690, 4.6770 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(167, 120, 103) }
```


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

```
.border{ border-color:rgb(167, 120, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 120, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 120, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 120, 103); box-shadow:4px 4px 4px 4px rgb(167, 120, 103) }
```

Background

The CSS property to change the background color of an element to YIQ 132.1150, 33.4690, 4.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 120, 103) }
```

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

```
.background{ background-color: rgb(167,  
120, 103) }
```

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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