

# Converting Colors

YIQ(132.0440, 32.2310, 5.0870)

Have a look what the booklet for  
YIQ(132.0440, 32.2310, 5.0870)  
contains.

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# Color

**YIQ(132.0440, 32.2310,  
5.0870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A67869
RGB	166, 120, 105
RGB Percent	65%, 47%, 41%
CMY	0.3489, 0.5295, 0.5881
CMYK	0.00, 0.28, 0.37, 0.35
HSL	15°, 26%, 53%
HSV	15°, 37%, 65%
XYZ	24.9970, 22.5587, 16.4110
YIQ	132.0440, 32.2310, 5.0870

# Conversions

## Conversions Part 2

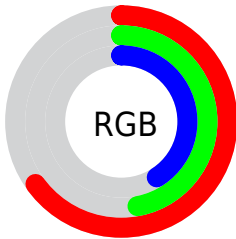
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 125, 105
Decimal	10909801
CIELab	54.61, 15.97, 15.31
CIELCh	55, 22.127, 43.795
Yxy	22.5587, 0.3908, 0.3527
Android (android.graphics.Color)	4289099881 (0xFFA67869)
YUV	132.0440, -13.3327, 29.7794
Hunter-Lab	47.4960, 10.8261, 12.7611




# Details

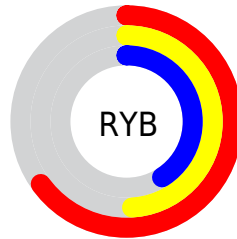
The YIQ color **132.0440, 32.2310, 5.0870** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.9560, -32.2310, -5.0870**, and the grayscale version is **132.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **185.1260, 34.9360, 5.6240**, and **81.7770, 28.6090, 4.6490** is the 20% darker color. If you saturate the color by 10%, you get **122.4750, 41.2630, 6.5990**, and if you desaturate by 10%, it is **141.6130, 23.1990, 3.5750**.

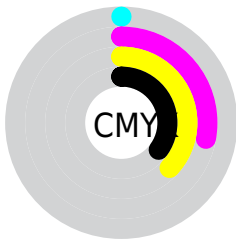
# Distribution







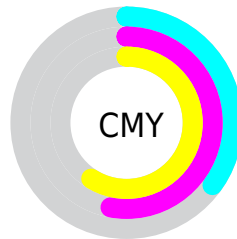
-  Red (65%)
-  Green (47%)
-  Blue (41%)






-  Red (65%)
-  Yellow (49%)
-  Blue (41%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (37%)
-  Black (35%)




-  Cyan (35%)
-  Magenta (53%)
-  Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0440, 32.2310, 5.0870 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 132.0440, 32.2310, 5.0870 by changing the saturation by 10% instead.





 132.0440, 32.2310,  
5.0870


 132.0440, 32.2310,  
5.0870


255.0000, -0.0000,  
-0.0000


 106.5600, 30.7180,  
4.9740


 185.1260, 34.9360,  
5.6240


 81.7770, 28.6090,  
4.6490


 213.3110, 35.8530,  
5.5250


 58.2930, 27.0960,  
4.5360

 234.1350, 21.5490,  
0.4370

 36.0970, 24.7120,  
3.6880

 253.1760, 5.1360,  
-4.9760

 14.0090, 22.1440,  
6.1760

 0.0000, 0.0000,  
0.0000

■ 132.0440, 32.2310,  
5.0870

■ 132.0440, 32.2310,  
5.0870

■ 122.4750, 41.2630,  
6.5990

■ 141.6130, 23.1990,  
3.5750

■ 113.6070, 49.6990,  
7.8990

■ 150.4810, 14.7630,  
2.2750

■ 104.0380, 58.7310,  
9.4110

■ 160.0500, 5.7310,  
0.7630

■ 95.1700, 67.1670,  
10.7110

■ 168.9180, -2.7050,  
-0.5370

■ 85.6010, 76.1990,  
12.2230

■ 178.4870,  
-11.7370, -2.0490

■ 76.6190, 84.9560,  
13.2120

■ 187.4690,  
-20.4940, -3.0380

■ 73.7010, 87.6610,  
13.7490

■ 196.9240,  
-29.2050, -4.8610

■ 205.9060,

-37.9620, -5.8500

■ 215.3610,  
-46.6730, -7.6730

# Harmonies

## Analogous

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



133.1180, 29.3870, 12.5790



132.0440, 32.2310, 5.0870



130.7240, 26.9600, -4.0160

# Triad

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



132.0440, 32.2310, 5.0870



123.8410, -22.1420, -17.2300



130.4560, -18.4790, 10.0090

# Complementary

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



132.0440, 32.2310, 5.0870



138.9560, -32.2310, -5.0870

# 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.



126.3780, -36.1750, 0.3130



132.0440, 32.2310, 5.0870



121.3370, -38.0980, -14.4020

# Square

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



132.0440, 32.2310, 5.0870



126.2470, -2.7940, -15.4500



122.3890, -43.8760, -8.8040



133.5680, 1.8770, 15.5490



# Rectangle

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



132.0440, 32.2310, 5.0870



129.2560, 19.3500, -9.2740



122.3890, -43.8760, -8.8040



129.5260, -24.6680, 6.5320

# Sweetspot

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



132.0440, 32.2310, 5.0870



203.6980, 12.6540, 1.9500



128.5970, 21.2690, 27.5490



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.



132.0440, 32.2310, 5.0870



163.7920, 50.6160, 7.8000



149.6540, 23.9810, -10.6030



79.5660, 4.2180, 0.6500



65.3840, 78.3080, 12.5480



8.9150, 10.5450, 1.6250



# Inverse Universe

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



138.9560, -32.2310, -5.0870



174.2080, -50.6160, -7.8000



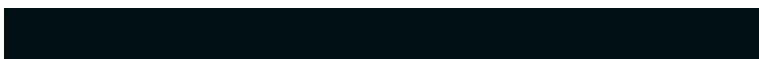
121.3460, -23.9810, 10.6030



80.4340, -4.2180, -0.6500



82.6160, -78.3080, -12.5480



11.0850, -10.5450, -1.6250



# Previews

## White Background



This preview shows how the YIQ color 132.0440, 32.2310, 5.0870 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

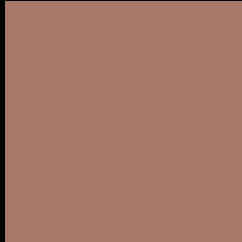
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 132.0440, 32.2310, 5.0870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

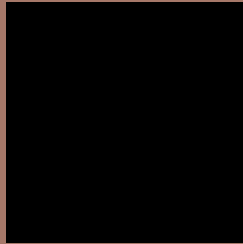
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 132.0440, 32.2310, 5.0870

## Background



This preview shows how black text looks on a background with the YIQ color 132.0440, 32.2310, 5.0870.



This preview shows how white text looks on a background with the YIQ color 132.0440, 32.2310,



# 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

132.0440, 32.2310, 5.0870

### Protanopia

130.6990, 10.9130, -5.0470

### Deuteranopia

131.5650, 23.1540, -1.1180



## Tritanopia

133.2750, 27.5070, 13.6110

# Trichromacy



## Original Color

132.0440, 32.2310, 5.0870

## Protanomaly

131.1130, 18.6150, -1.4570

## Deuteranomaly

131.8860, 26.6840, 0.9880

## Tritanomaly

132.6510, 29.2040, 10.3880

# Monochromacy



## Original Color

132.0440, 32.2310, 5.0870

## Achromatopsia

132.0000, -0.0000, -0.0000

## Achromatomaly

132.1000, 11.4620, 1.5260

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 132.0440, 32.2310, 5.0870 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(166, 120, 105)` looks like.

```
.text, #text, p{  
    color:rgb(166, 120, 105)  
}
```

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(166, 120, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 120, 105) }
```

## Border

The CSS property to change the border of an element to YIQ 132.0440, 32.2310, 5.0870 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(166, 120, 105) }
```



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

```
.border{ border-color:rgb(166, 120, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 120, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 120, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 120, 105);  
box-shadow:4px 4px 4px 4px rgb(166, 120,  
105) }
```

# Background

The CSS property to change the background color of an element to YIQ 132.0440, 32.2310, 5.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 120, 105) }
```

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

```
.background{ background-color: rgb(166,  
120, 105) }
```

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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