

Converting Colors

YIQ(140.0990, 30.3980, -0.2420)

Have a look what the booklet for
YIQ(140.0990, 30.3980, -0.2420)
contains.

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Color

**YIQ(140.0990, 30.3980,
-0.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	A9846A
RGB	169, 132, 106
RGB Percent	66%, 52%, 42%
CMY	0.3372, 0.4824, 0.5842
CMYK	0.00, 0.22, 0.37, 0.34
HSL	25°, 27%, 54%
HSV	25°, 37%, 66%
XYZ	27.2186, 25.9767, 17.2249
YIQ	140.0990, 30.3980, -0.2420

Conversions

Conversions Part 2

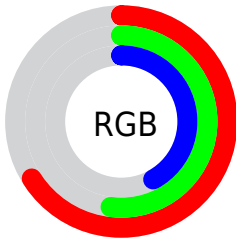
Format	Color
R_{YB}	169, 150, 106
Decimal	11109482
CIE _{Lab}	58.01, 10.54, 19.44
CIE _{LCh}	58, 22.117, 61.543
Yxy	25.9767, 0.3865, 0.3689
Android (android.graphics.Color)	4289299562 (0xFFA9846A)
YUV	140.0990, -16.8108, 25.3462
Hunter-Lab	50.9673, 6.1335, 15.6395

Details

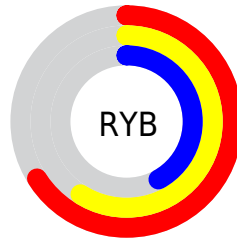
The YIQ color $140.0990, 30.3980, -0.2420$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $134.9010, -30.3980, 0.2420$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.7680, 32.8280, -0.2280$, and $89.7180, 27.0970, -0.9910$ is the 20% darker color. If you saturate the color by 10%, you get $132.2910, 38.6050, -0.2990$, and if you desaturate by 10%, it is $147.9070, 22.1910, -0.1850$.

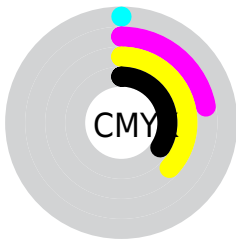
Distribution



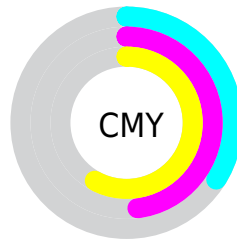
- Red (66%)
- Green (52%)
- Blue (42%)



- Red (66%)
- Yellow (59%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (34%)




- Cyan (34%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.0990, 30.3980, -0.2420 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 140.0990, 30.3980, -0.2420 by changing the saturation by 10% instead.


 140.0990, 30.3980,
-0.2420


 140.0990, 30.3980,
-0.2420


255.0000, -0.0000,
-0.0000


 114.6150, 28.8850,
-0.3550


 193.7680, 32.8280,
-0.2280

 89.8320, 26.7760,
-0.6800


 221.9530, 33.7450,
-0.3270

 65.7610, 25.5380,
-0.2700

 241.8800, 17.6530,
-6.0510

 43.5650, 23.1540,
-1.1180

 253.4040, 4.4940,
-4.3540

 22.5370, 20.3570,
0.0130

 1.4950, 2.9800,
1.0600

 0.0000, 0.0000,

0.0000

■ 140.0990, 30.3980,
-0.2420

■ 140.0990, 30.3980,
-0.2420

■ 132.2910, 38.6050,
-0.2990

■ 147.9070, 22.1910,
-0.1850

■ 124.4830, 46.8120,
-0.3560

■ 155.7150, 13.9840,
-0.1280

■ 116.6750, 55.0190,
-0.4130

■ 163.5230, 5.7770,
-0.0710

■ 108.8670, 63.2260,
-0.4700

■ 171.3310, -2.4300,
-0.0140

■ 101.1730, 71.1120,
-0.2160

■ 179.1390,
-10.6370, 0.0430

■ 93.3650, 79.3190,
-0.2730

■ 186.8330,
-18.5230, -0.2110

■ 91.6210, 81.4740,
-0.7820

■ 194.6410,
-26.7300, -0.1540

■ 201.8620,
-34.6620, 0.4260

■ 209.3280,
-41.9060, -0.4500

Harmonies

Analogous

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



141.4510, 32.6430, 8.6350



140.0990, 30.3980, -0.2420



138.2670, 20.8170, -8.3270

Triad

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



140.0990, 30.3980, -0.2420



130.9200, -32.5500, -15.8300



141.3220, -6.2380, 13.9380

Complementary

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



140.0990, 30.3980, -0.2420



134.9010, -30.3980, 0.2420

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.



138.0420, -26.1810, 6.4190



140.0990, 30.3980, -0.2420



130.6940, -43.4170, -11.6170

Square

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



140.0990, 30.3980, -0.2420



133.1470, -14.2560, -16.9760



133.2310, -40.2550, -2.8390



142.4830, 12.4220, 17.1740

Rectangle

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



140.0990, 30.3980, -0.2420



137.2440, 10.4560, -13.2880



133.2310, -40.2550, -2.8390



140.1470, -13.1150, 11.9170

Sweetspot

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



140.0990, 30.3980, -0.2420



208.0460, 11.5540, -0.1420



129.1690, 25.3500, 25.1740



103.0070, 7.2900, 0.0420



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.



140.0990, 30.3980, -0.2420



173.7820, 47.4080, -0.1440



158.2960, 21.8730, -16.4550



80.1530, 3.9430, 0.1270



80.0590, 71.4330, -0.5270



10.6760, 9.7200, 0.0560

Inverse Universe

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



134.9010, -30.3980, 0.2420



166.2180, -47.4080, 0.1440



116.7040, -21.8730, 16.4550



79.8470, -3.9430, -0.1270



67.9410, -71.4330, 0.5270



9.3240, -9.7200, -0.0560

Previews

White Background



This preview shows how the YIQ color 140.0990, 30.3980, -0.2420 looks on a white background.

Color Contrast Check

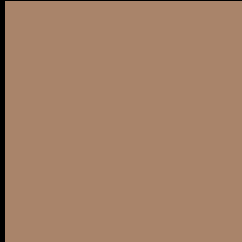
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0990, 30.3980, -0.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

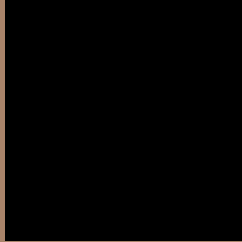
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.0990, 30.3980, -0.2420

Background



This preview shows how black text looks on a background with the YIQ color 140.0990, 30.3980, -0.2420.



This preview shows how white text looks on a background with the YIQ color 140.0990, 30.3980, -0.2420.

-0.2420.

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

140.0990, 30.3980, -0.2420

Protanopia

138.5700, 15.5900, -7.2100

Deuteranopia

139.7780, 26.8680, -2.3480



Tritanopia

142.1820, 23.3350, 12.1270

Trichromacy



Original Color

140.0990, 30.3980, -0.2420

Protanomaly

138.7880, 20.9080, -4.4680

Deuteranomaly

139.7890, 28.3350, -1.4010

Tritanomaly

141.2160, 25.9950, 7.9710

Monochromacy



Original Color

140.0990, 30.3980, -0.2420

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1600, 11.2330, 0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0990, 30.3980, -0.2420 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(169, 132, 106)` looks like.

```
.text, #text, p{  
    color:rgb(169, 132, 106)  
}
```

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(169, 132, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 132, 106) }
```

Border

The CSS property to change the border of an element to YIQ 140.0990, 30.3980, -0.2420 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(169, 132, 106) }
```


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

```
.border{ border-color:rgb(169, 132, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 132, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 132, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 132, 106);  
box-shadow:4px 4px 4px 4px rgb(169, 132,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0990, 30.3980, -0.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 132, 106) }
```

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

```
.background{ background-color: rgb(169,  
132, 106) }
```

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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