

Converting Colors

YIQ(133.4530, 38.3290, 4.7050)

Have a look what the booklet for
YIQ(133.4530, 38.3290, 4.7050)
contains.

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Color

**YIQ(133.4530, 38.3290,
4.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7863
RGB	173, 120, 99
RGB Percent	68%, 47%, 39%
CMY	0.3215, 0.5295, 0.6116
CMYK	0.00, 0.31, 0.43, 0.32
HSL	17°, 31%, 53%
HSV	17°, 43%, 68%
XYZ	26.2079, 23.2168, 14.9151
YIQ	133.4530, 38.3290, 4.7050

Conversions

Conversions Part 2

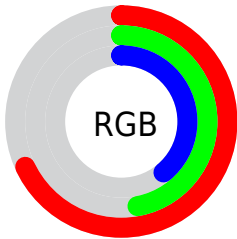
Format	Color
R_{YB}	173, 128, 99
Decimal	11368547
CIE Lab	55.29, 18.13, 19.82
CIE LCh	55, 26.866, 47.552
Yxy	23.2168, 0.4073, 0.3608
Android (android.graphics.Color)	4289558627 (0xFFAD7863)
YUV	133.4530, -16.9853, 34.6827
Hunter-Lab	48.1838, 12.7674, 15.3756

Details

The YIQ color **133.4530, 38.3290, 4.7050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.5470, -38.3290, -4.7050**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.4210, 41.3550, 4.9310**, and **82.8870, 34.1110, 4.0550** is the 20% darker color. If you saturate the color by 10%, you get **124.4710, 47.0860, 5.6940**, and if you desaturate by 10%, it is **142.4350, 29.5720, 3.7160**.

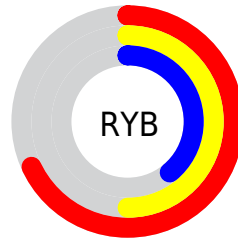
Distribution



Red (68%)

Green (47%)

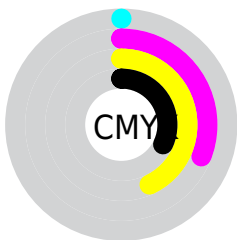
Blue (39%)



Red (68%)

Yellow (50%)

Blue (39%)

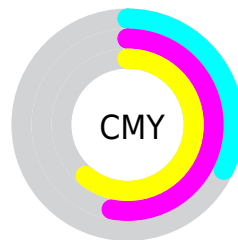


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (32%)



Cyan (32%)


Magenta (53%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.4530, 38.3290, 4.7050 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 133.4530, 38.3290, 4.7050 by changing the saturation by 10% instead.


 133.4530, 38.3290,
4.7050


 133.4530, 38.3290,
4.7050


255.0000, -0.0000,
-0.0000


 107.6700, 36.2200,
4.3800


 187.4210, 41.3550,
4.9310


 82.8870, 34.1110,
4.0550


 213.8230, 40.1630,
4.5070

 59.2180, 31.6810,
4.0410

 233.3370, 23.7960,
-1.7400

 36.2070, 30.2140,
3.0940

 252.3780, 7.3830,
-7.1530

 15.2050, 24.5280,
7.0240

 0.0000, 0.0000,
0.0000

■ 133.4530, 38.3290,
4.7050

■ 133.4530, 38.3290,
4.7050

■ 124.4710, 47.0860,
5.6940

■ 142.4350, 29.5720,
3.7160

■ 114.7880, 56.4390,
6.8950

■ 152.1180, 20.2190,
2.5150

■ 105.8060, 65.1960,
7.8840

■ 161.1000, 11.4620,
1.5260

■ 96.2370, 74.2280,
9.3960

■ 170.6690, 2.4300,
0.0140

■ 87.2550, 82.9850,
10.3850

■ 179.7650, -6.6480,
-0.6640

■ 80.4900, 89.6330,
11.0490

■ 188.7470,
-15.4050, -1.6530

■ 198.3160,
-24.4370, -3.1650

■ 207.2980,

-33.1940, -4.1540

■ 216.9810,
-42.5470, -5.3550

Harmonies

Analogous

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



134.5920, 36.8600, 14.8120



133.4530, 38.3290, 4.7050



131.9970, 30.4450, -6.6030

Triad

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



133.4530, 38.3290, 4.7050



122.3560, -31.0820, -20.4100



132.9660, -19.8550, 12.9210

Complementary

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



133.4530, 38.3290, 4.7050



138.5470, -38.3290, -4.7050

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.



126.8980, -43.5110, 1.1050



133.4530, 38.3290, 4.7050



118.8020, -52.7690, -18.3450

Square

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



133.4530, 38.3290, 4.7050



126.4590, -6.5070, -19.7470



119.9080, -58.6390, -11.0790



135.7580, 4.3980, 19.4220

Rectangle

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



133.4530, 38.3290, 4.7050



130.6320, 21.0470, -12.4970



119.9080, -58.6390, -11.0790



131.2530, -28.1530, 9.1190

Sweetspot

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



133.4530, 38.3290, 4.7050



208.3670, 15.0840, 1.9640



127.2820, 26.7700, 32.4820



102.3170, 9.3530, 1.2010



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.



133.4530, 38.3290, 4.7050



162.8700, 59.1440, 7.4320



154.5850, 28.4290, -14.1230



81.8650, 4.8140, 0.8620



70.0910, 77.5750, 9.3110



10.3990, 12.0580, 1.7380

Inverse Universe

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



138.5470, -38.3290, -4.7050



171.1300, -59.1440, -7.4320



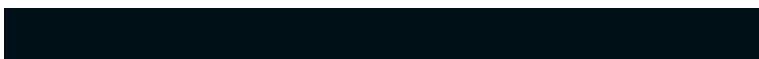
117.4150, -28.4290, 14.1230



82.5480, -4.5390, -0.3390



80.4960, -77.8500, -9.8340



12.0140, -11.7830, -1.2150

Previews

White Background



This preview shows how the YIQ color 133.4530, 38.3290, 4.7050 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 133.4530, 38.3290, 4.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

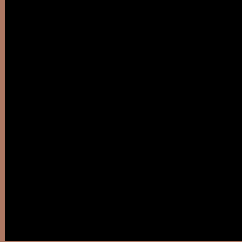
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4530, 38.3290, 4.7050

Background



This preview shows how black text looks on a background with the YIQ color 133.4530, 38.3290, 4.7050.



This preview shows how white text looks on a background with the YIQ color 133.4530, 38.3290,

4.7050.

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

133.4530, 38.3290, 4.7050

Protanopia

132.2000, 13.7560, -7.0120

Deuteranopia

132.6640, 27.1890, -2.6590



Tritanopia

134.6670, 32.2750, 15.3070

Trichromacy



Original Color

133.4530, 38.3290, 4.7050

Protanomaly

132.6250, 22.9250, -2.4750

Deuteranomaly

132.6970, 31.5900, 0.1820

Tritanomaly

133.9290, 34.2930, 11.7730

Monochromacy



Original Color

133.4530, 38.3290, 4.7050

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4530, 38.3290, 4.7050 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(173, 120, 99)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 99)  
}
```

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(173, 120, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 99) }
```

Border

The CSS property to change the border of an element to YIQ 133.4530, 38.3290, 4.7050 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(173, 120, 99) }
```


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

```
.border{ border-color:rgb(173, 120, 99) }
```

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

Here you see how a box with a 4 pixel rgb(173, 120, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 99);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4530, 38.3290, 4.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 99) }
```

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

```
.background{ background-color: rgb(173,  
120, 99) }
```

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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