

Converting Colors

YIQ(122.4370, 44.4260, 9.8500)

Have a look what the booklet for
YIQ(122.4370, 44.4260, 9.8500)
contains.

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Color

**YIQ(122.4370, 44.4260,
9.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	AB685A
RGB	171, 104, 90
RGB Percent	67%, 41%, 35%
CMY	0.3293, 0.5922, 0.6469
CMYK	0.00, 0.39, 0.47, 0.33
HSL	10°, 33%, 51%
HSV	10°, 47%, 67%
XYZ	23.5979, 19.2962, 12.1643
YIQ	122.4370, 44.4260, 9.8500

Conversions

Conversions Part 2

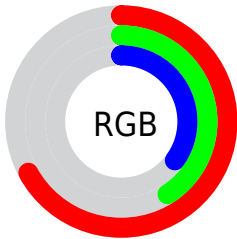
Format	Color
RYB	171, 107, 90
Decimal	11233370
CIELab	51.03, 25.32, 19.25
CIElCh	51, 31.808, 37.236
Yxy	19.2962, 0.4286, 0.3505
Android (android.graphics.Color)	4289423450 (0xFFAB685A)
YUV	122.4370, -15.9914, 42.5898
Hunter-Lab	43.9274, 19.0177, 14.3307

Details

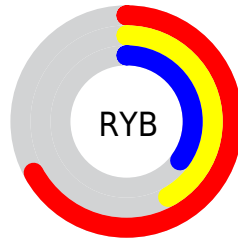
The YIQ color **122.4370, 44.4260, 9.8500** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.5630, -44.4260, -9.8500**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0030, 48.6440, 10.5000**, and **72.5720, 39.6120, 8.9880** is the 20% darker color. If you saturate the color by 10%, you get **112.2810, 53.7330, 11.8850**, and if you desaturate by 10%, it is **132.5930, 35.1190, 7.8150**.

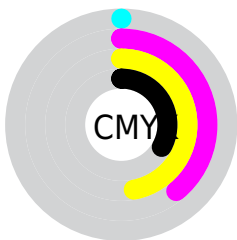
Distribution



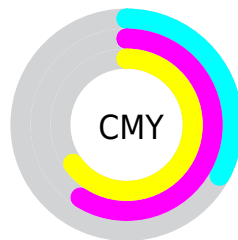
- Red (67%)
- Green (41%)
- Blue (35%)



- Red (67%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (33%)





- Cyan (33%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.4370, 44.4260, 9.8500 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 122.4370, 44.4260, 9.8500 by changing the saturation by 10% instead.


 122.4370, 44.4260,
9.8500


 122.4370, 44.4260,
9.8500


255.0000, -0.0000,
-0.0000


 96.7680, 41.9960,
9.8360


 176.0030, 48.6440,
10.5000


 72.5720, 39.6120,
8.9880


 202.7040, 48.0480,
10.2880


 48.6040, 36.5860,
8.7620


 222.2180, 31.6810,
4.0410

 24.4190, 35.6690,
8.8610

 241.8460, 14.9930,
-1.8950

 12.3730, 24.1150,
9.0030

 254.4300, 1.6050,
-1.5550

 0.0000, 0.0000,
0.0000

122.4370, 44.4260,
9.8500

122.4370, 44.4260,
9.8500

112.2810, 53.7330,
11.8850

132.5930, 35.1190,
7.8150

102.1250, 63.0400,
13.9200

142.7490, 25.8120,
5.7800

91.3820, 72.6220,
16.4780

152.9050, 16.5050,
3.7450

81.2260, 81.9290,
18.5130

163.6480, 6.9230,
1.1870

71.0700, 91.2360,
20.5480

173.9180, -2.7050,
-0.5370

68.1520, 93.9410,
21.0850

184.0740,
-12.0120, -2.5720

194.2300,
-21.3190, -4.6070

204.3860,

-30.6260, -6.6420

■ 214.5420,
-39.9330, -8.6770

Harmonies

Analogous

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



123.6510, 38.3720, 20.4520



122.4370, 44.4260, 9.8500



121.1830, 38.7890, -3.6350

Triad

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



122.4370, 44.4260, 9.8500



110.6890, -27.8260, -24.3540



119.0720, -34.8930, 10.1230

Complementary

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



122.4370, 44.4260, 9.8500



138.5630, -44.4260, -9.8500

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.



106.8670, -68.5890, -6.9650



122.4370, 44.4260, 9.8500



100.5890, -65.6510, -27.1790

Square

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



122.4370, 44.4260, 9.8500



115.8850, 0.9210, -22.2070



96.8010, -86.5590, -22.7110



124.3210, -4.4970, 20.9350

Rectangle

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



122.4370, 44.4260, 9.8500



119.6500, 29.8040, -11.5080



96.8010, -86.5590, -22.7110



115.7500, -45.8500, 4.9500

Sweetspot

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



122.4370, 44.4260, 9.8500



203.2040, 17.1010, 3.9570



121.9710, 26.4480, 38.3200



100.4420, 10.4990, 2.4590



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.



122.4370, 44.4260, 9.8500



145.8870, 69.6420, 15.4180



145.9170, 33.4260, -11.0700



81.8650, 4.8140, 0.8620



60.1120, 82.2500, 18.2020



9.2250, 12.6080, 2.7840

Inverse Universe

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



138.5630, -44.4260, -9.8500



171.1130, -69.6420, -15.4180



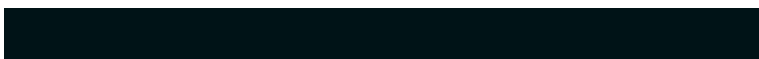
115.0830, -33.4260, 11.0700



83.1350, -4.8140, -0.8620



90.4750, -82.5250, -18.7250



13.7750, -12.6080, -2.7840

Previews

White Background



This preview shows how the YIQ color 122.4370, 44.4260, 9.8500 looks on a white background.

Color Contrast Check

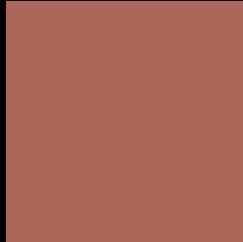
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4370, 44.4260, 9.8500 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 122.4370, 44.4260, 9.8500

Background



This preview shows how black text looks on a background with the YIQ color 122.4370, 44.4260, 9.8500.



This preview shows how white text looks on a background with the YIQ color 122.4370, 44.4260,

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

122.4370, 44.4260, 9.8500

Protanopia

121.3570, 11.8760, -5.9800

Deuteranopia

122.0660, 25.9970, -3.0830



Tritanopia

123.4400, 40.3440, 17.7520

Trichromacy



Original Color

122.4370, 44.4260, 9.8500

Protanomaly

121.3910, 23.7040, -0.0720

Deuteranomaly

121.9360, 32.4150, 1.7510

Tritanomaly

122.9300, 41.7200, 14.8400

Monochromacy



Original Color

122.4370, 44.4260, 9.8500

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9050, 16.5050, 3.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4370, 44.4260, 9.8500 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(171, 104, 90)` looks like.

```
.text, #text, p{  
    color:rgb(171, 104, 90)  
}
```

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(171, 104, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 104, 90) }
```

Border

The CSS property to change the border of an element to YIQ 122.4370, 44.4260, 9.8500 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(171, 104, 90) }
```


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

```
.border{ border-color:rgb(171, 104, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 104, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 104, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 104, 90);  
box-shadow:4px 4px 4px 4px rgb(171, 104,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4370, 44.4260, 9.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 104, 90) }
```

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

```
.background{ background-color: rgb(171,  
104, 90) }
```

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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