

Converting Colors

YIQ(121.4310, 44.5630, 12.8750)

Have a look what the booklet for
YIQ(121.4310, 44.5630, 12.8750)
contains.

YIQ(121.4310, 44.5630, 12.8750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(121.4310, 44.5630,
12.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	AC655E
RGB	172, 101, 94
RGB Percent	67%, 40%, 37%
CMY	0.3253, 0.6040, 0.6312
CMYK	0.00, 0.41, 0.45, 0.33
HSL	5°, 32%, 52%
HSV	5°, 45%, 67%
XYZ	23.6957, 18.8860, 12.9971
YIQ	121.4310, 44.5630, 12.8750

Conversions

Conversions Part 2

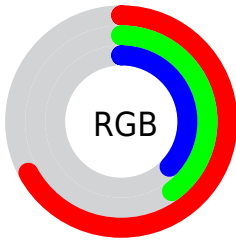
Format	Color
RYB	172, 102, 94
Decimal	11298142
CIELab	50.55, 27.82, 16.27
CIElCh	51, 32.229, 30.325
Yxy	18.8860, 0.4263, 0.3398
Android (android.graphics.Color)	4289488222 (0xFFAC655E)
YUV	121.4310, -13.5235, 44.3490
Hunter-Lab	43.4580, 21.2767, 12.6886

Details

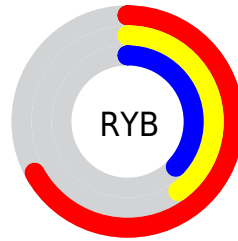
The YIQ color **121.4310, 44.5630, 12.8750** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.5690, -44.5630, -12.8750**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.9970, 48.7810, 13.5250**, and **70.9790, 40.0240, 12.5360** is the 20% darker color. If you saturate the color by 10%, you get **110.1010, 54.4200, 15.9560**, and if you desaturate by 10%, it is **132.7610, 34.7060, 9.7940**.

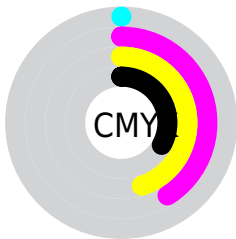
Distribution



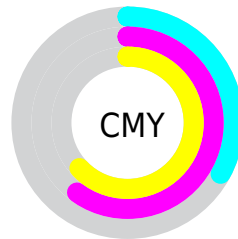
- Red (67%)
- Green (40%)
- Blue (37%)



- Red (67%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (45%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.4310, 44.5630, 12.8750 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 121.4310, 44.5630, 12.8750 by changing the saturation by 10% instead.


 121.4310, 44.5630,
12.8750


 121.4310, 44.5630,
12.8750


255.0000, -0.0000,
-0.0000


 95.6480, 42.4540,
12.5500


 174.9970, 48.7810,
13.5250


 70.9790, 40.0240,
12.5360


 201.3990, 47.5890,
13.1010

 47.0110, 36.9980,
12.3100

 220.9130, 31.2220,
6.8540

 21.5980, 36.7230,
11.7870

 240.5410, 14.5340,
0.9180

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,
0.0000

121.4310, 44.5630,
12.8750

121.4310, 44.5630,
12.8750

110.1010, 54.4200,
15.9560

132.7610, 34.7060,
9.7940

99.3580, 64.0020,
18.5140

143.5040, 25.1240,
7.2360

87.9140, 74.1800,
21.2840

154.9480, 14.9460,
4.4660

76.5840, 84.0370,
24.3650

166.2780, 5.0890,
1.3850

65.8410, 93.6190,
26.9230

177.0210, -4.4930,
-1.1730

60.2330, 98.3870,
28.6190

188.3510,
-14.3500, -4.2540

199.6810,
-24.2070, -7.3350

210.5380,

-34.1100, -9.5820

■ 221.8680,
-43.9670, -12.6630

Harmonies

Analogous

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



122.4490, 36.1250, 22.6290



121.4310, 44.5630, 12.8750



120.1450, 41.9520, -0.3840

Triad

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



121.4310, 44.5630, 12.8750



110.6960, -20.5360, -24.3120



115.4730, -43.5120, 6.6320

Complementary

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



121.4310, 44.5630, 12.8750



144.5690, -44.5630, -12.8750

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.



97.4410, -85.1850, -14.5690



121.4310, 44.5630, 12.8750



102.1940, -57.1690, -26.7130

Square

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



121.4310, 44.5630, 12.8750



115.3480, 6.9270, -20.9210



95.4160, -84.0370, -24.3650



122.2600, -11.6950, 19.2250

Rectangle

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



121.4310, 44.5630, 12.8750



119.2700, 33.9300, -9.1900



95.4160, -84.0370, -24.3650



111.7380, -54.7440, 0.9360

Sweetspot

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



121.4310, 44.5630, 12.8750



204.0300, 17.6510, 5.0030



125.5300, 23.3760, 38.9280



99.8550, 10.7740, 2.9820



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.



121.4310, 44.5630, 12.8750



145.6360, 69.0910, 19.8990



144.3240, 33.8380, -7.5220



81.2780, 5.0890, 1.3850



52.4810, 85.8250, 25.0010



8.0510, 13.1580, 3.8300

Inverse Universe

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



144.5690, -44.5630, -12.8750



181.9510, -69.3660, -20.4220



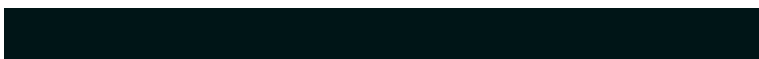
122.2630, -34.1130, 6.9990



83.7220, -5.0890, -1.3850



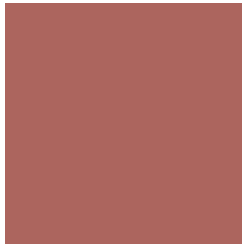
97.5190, -85.8250, -25.0010



14.9490, -13.1580, -3.8300

Previews

White Background



This preview shows how the YIQ color 121.4310, 44.5630, 12.8750 looks on a white background.

Color Contrast Check

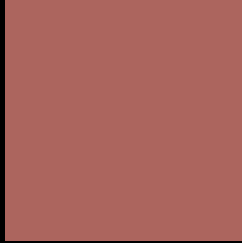
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4310, 44.5630, 12.8750 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 121.4310, 44.5630, 12.8750

Background



This preview shows how black text looks on a background with the YIQ color 121.4310, 44.5630, 12.8750.

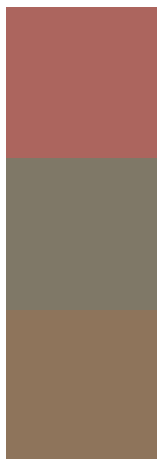


This preview shows how white text looks on a background with the YIQ color 121.4310, 44.5630,

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

121.4310, 44.5630, 12.8750

Protanopia

120.1550, 9.6290, -3.8030

Deuteranopia

120.9240, 23.5210, -2.2630



Tritanopia

121.9240, 41.8570, 17.8650

Trichromacy



Original Color

121.4310, 44.5630, 12.8750

Protanomaly

120.4880, 22.0530, 2.3170

Deuteranomaly

121.3920, 31.1310, 2.9950

Tritanomaly

122.0550, 42.8660, 16.0980

Monochromacy



Original Color

121.4310, 44.5630, 12.8750

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.4320, 16.4590, 4.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4310, 44.5630, 12.8750 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(172, 101, 94)` looks like.

```
.text, #text, p{  
    color:rgb(172, 101, 94)  
}
```

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(172, 101, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 101, 94) }
```

Border

The CSS property to change the border of an element to YIQ 121.4310, 44.5630, 12.8750 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(172, 101, 94) }
```


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

```
.border{ border-color:rgb(172, 101, 94) }
```

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

Here you see how a box with a 4 pixel rgb(172, 101, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 101, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 101, 94);  
box-shadow:4px 4px 4px 4px rgb(172, 101,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4310, 44.5630, 12.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 101, 94) }
```

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

```
.background{ background-color: rgb(172,  
101, 94) }
```

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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