

Converting Colors

YIQ(121.5910, 46.6280, 2.9800)

Have a look what the booklet for
YIQ(121.5910, 46.6280, 2.9800)
contains.

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Color

**YIQ(121.5910, 46.6280,
2.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	A86B4B
RGB	168, 107, 75
RGB Percent	66%, 42%, 29%
CMY	0.3411, 0.5805, 0.7057
CMYK	0.00, 0.36, 0.55, 0.34
HSL	21°, 38%, 48%
HSV	21°, 55%, 66%
XYZ	22.6821, 19.3471, 9.2051
YIQ	121.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

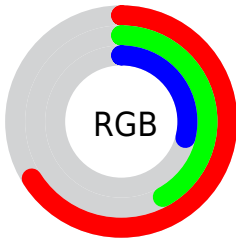
Format	Color
R_{YB}	168, 124, 75
Decimal	11037515
CIE Lab	51.09, 20.95, 27.90
CIE LCh	51, 34.887, 53.092
Yxy	19.3471, 0.4427, 0.3776
Android (android.graphics.Color)	4289227595 (0xFFA86B4B)
YUV	121.5910, -22.9694, 40.7007
Hunter-Lab	43.9853, 15.0735, 18.3817

Details

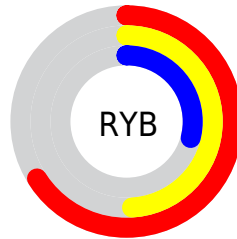
The YIQ color **121.5910, 46.6280, 2.9800** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **121.4090, -46.6280, -2.9800**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.0430, 51.1670, 3.3190**, and **71.5410, 40.8970, 2.2170** is the 20% darker color. If you saturate the color by 10%, you get **113.1960, 55.1100, 3.4460**, and if you desaturate by 10%, it is **129.9860, 38.1460, 2.5140**.

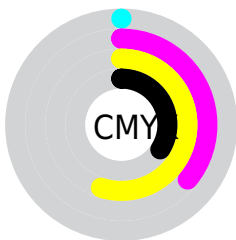
Distribution



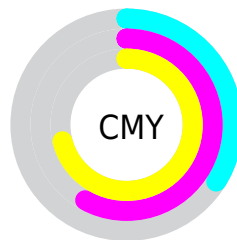
- Red (66%)
- Green (42%)
- Blue (29%)



- Red (66%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (34%)



- Cyan (34%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5910, 46.6280, 2.9800 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 121.5910, 46.6280, 2.9800 by changing the saturation by 10% instead.

121.5910, 46.6280,
2.9800

121.5910, 46.6280,
2.9800

255.0000, -0.0000,
-0.0000

95.9220, 44.1980,
2.9660

175.0430, 51.1670,
3.3190

71.5410, 40.8970,
2.2170

202.5270, 52.6800,
3.4320

47.6440, 39.1090,
1.5810

222.0410, 36.3130,
-2.8150

26.7450, 31.6350,
4.8750

241.6690, 19.6250,
-8.7510

11.0630, 22.0520,
7.8440

252.4920, 7.0620,
-6.8420

0.0000, 0.0000,
0.0000

■ 121.5910, 46.6280,
2.9800

■ 121.5910, 46.6280,
2.9800

■ 113.1960, 55.1100,
3.4460

■ 129.9860, 38.1460,
2.5140

■ 104.8010, 63.5920,
3.9120

■ 138.3810, 29.6640,
2.0480

■ 96.5200, 71.7530,
4.6890

■ 146.6620, 21.5030,
1.2710

■ 88.1250, 80.2350,
5.1550

■ 155.0570, 13.0210,
0.8050

■ 84.2780, 84.1780,
5.2820

■ 163.4520, 4.5390,
0.3390

■ 171.8470, -3.9430,
-0.1270

■ 180.2420,
-12.4250, -0.5930

■ 188.5230,

-20.5860, -1.3700

■ 196.9180,
-29.0680, -1.8360

Harmonies

Analogous

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



122.7350, 46.7630, 17.0590



121.5910, 46.6280, 2.9800



119.9880, 34.6640, -11.4800

Triad

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



121.5910, 46.6280, 2.9800



103.2820, -54.6010, -29.2010



122.8290, -20.7270, 17.7130

Complementary

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



121.5910, 46.6280, 2.9800



121.4090, -46.6280, -2.9800

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.



112.4110, -58.1370, 1.8550



121.5910, 46.6280, 2.9800



96.8350, -83.8990, -26.8670

Square

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



121.5910, 46.6280, 2.9800



112.2790, -14.9880, -25.7400



97.9240, -91.0990, -17.5230



125.0950, 10.9990, 26.4470

Rectangle

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



121.5910, 46.6280, 2.9800



117.8290, 21.6900, -18.6460



97.9240, -91.0990, -17.5230



120.2620, -32.3720, 13.9960

Sweetspot

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



121.5910, 46.6280, 2.9800



200.6940, 18.4770, 1.0450



109.8750, 35.5260, 38.9980



98.6870, 11.1870, 1.0030



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.



121.5910, 46.6280, 2.9800



146.8190, 72.3490, 4.9010



148.5930, 33.9780, -21.0780



80.1530, 3.9430, 0.1270



74.1890, 74.1830, 4.7030



10.0890, 9.9950, 0.5790

Inverse Universe

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



121.4090, -46.6280, -2.9800



147.1810, -72.3490, -4.9010



94.9940, -34.2530, 20.5550



79.8470, -3.9430, -0.1270



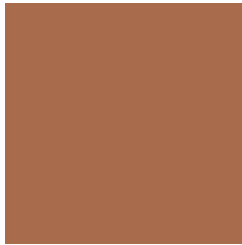
73.8110, -74.1830, -4.7030



9.9110, -9.9950, -0.5790

Previews

White Background



This preview shows how the YIQ color 121.5910, 46.6280, 2.9800 looks on a white background.

Color Contrast Check

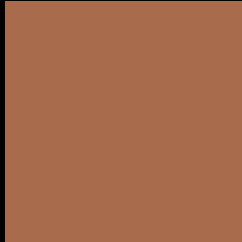
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5910, 46.6280, 2.9800 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 121.5910, 46.6280, 2.9800

Background



This preview shows how black text looks on a background with the YIQ color 121.5910, 46.6280, 2.9800.



This preview shows how white text looks on a background with the YIQ color 121.5910, 46.6280,

2.9800.

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

121.5910, 46.6280, 2.9800

Protanopia

120.3160, 19.1210, -10.6310

Deuteranopia

121.2530, 32.6000, -7.1120



Tritanopia

123.5430, 38.5560, 17.1160

Trichromacy



Original Color

121.5910, 46.6280, 2.9800

Protanomaly

121.0400, 28.8860, -5.8820

Deuteranomaly

121.1120, 37.5510, -3.2250

Tritanomaly

122.9360, 41.5830, 11.8150

Monochromacy



Original Color

121.5910, 46.6280, 2.9800

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2100, 16.9640, 0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5910, 46.6280, 2.9800 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(168, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(168, 107, 75)  
}
```

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(168, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 107, 75) }
```

Border

The CSS property to change the border of an element to YIQ 121.5910, 46.6280, 2.9800 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(168, 107, 75) }
```


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

```
.border{ border-color:rgb(168, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(168, 107,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5910, 46.6280, 2.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 107, 75) }
```

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

```
.background{ background-color: rgb(168,  
107, 75) }
```

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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