

Converting Colors

YIQ(121.8190, 45.9860, 3.6020)

Have a look what the booklet for
YIQ(121.8190, 45.9860, 3.6020)
contains.

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Color

**YIQ(121.8190, 45.9860,
3.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	A86B4D
RGB	168, 107, 77
RGB Percent	66%, 42%, 30%
CMY	0.3411, 0.5805, 0.6978
CMYK	0.00, 0.36, 0.54, 0.34
HSL	20°, 37%, 48%
HSV	20°, 54%, 66%
XYZ	22.7517, 19.3750, 9.5715
YIQ	121.8190, 45.9860, 3.6020

Conversions

Conversions Part 2

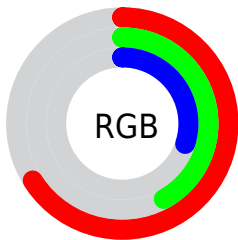
Format	Color
R_{YB}	168, 122, 77
Decimal	11037517
CIE Lab	51.12, 21.13, 26.80
CIE LCh	51, 34.129, 51.749
Yxy	19.3750, 0.4401, 0.3748
Android (android.graphics.Color)	4289227597 (0xFFA86B4D)
YUV	121.8190, -22.0958, 40.5007
Hunter-Lab	44.0170, 15.2343, 17.9193

Details

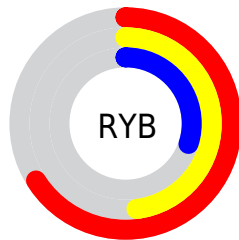
The YIQ color **121.8190, 45.9860, 3.6020** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **123.1810, -45.9860, -3.6020**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.2710, 50.5250, 3.9410**, and **72.0680, 40.8510, 3.0510** is the 20% darker color. If you saturate the color by 10%, you get **113.4240, 54.4680, 4.0680**, and if you desaturate by 10%, it is **130.2140, 37.5040, 3.1360**.

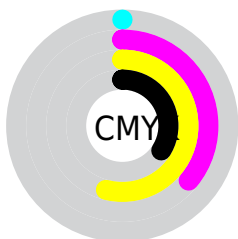
Distribution



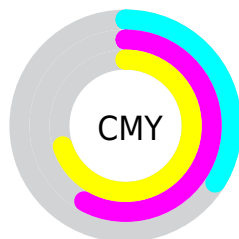
- Red (66%)
- Green (42%)
- Blue (30%)



- Red (66%)
- Yellow (48%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (54%)
- Black (34%)





- Cyan (34%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.8190, 45.9860, 3.6020 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 121.8190, 45.9860, 3.6020 by changing the saturation by 10% instead.


 121.8190, 45.9860,
3.6020


 121.8190, 45.9860,
3.6020


255.0000, -0.0000,
-0.0000


 96.1500, 43.5560,
3.5880


 175.2710, 50.5250,
3.9410


 72.0680, 40.8510,
3.0510


 202.8690, 51.7170,
4.3650


 47.9860, 38.1460,
2.5140

 222.2690, 35.6710,
-2.1930

 26.7450, 31.6350,
4.8750

 241.8970, 18.9830,
-8.1290

 11.0630, 22.0520,
7.8440

 252.7200, 6.4200,
-6.2200

 0.0000, 0.0000,
0.0000

■ 121.8190, 45.9860,
3.6020

■ 121.8190, 45.9860,
3.6020

■ 113.4240, 54.4680,
4.0680

■ 130.2140, 37.5040,
3.1360

■ 104.4420, 63.2250,
5.0570

■ 139.1960, 28.7470,
2.1470

■ 96.1610, 71.3860,
5.8340

■ 147.4770, 20.5860,
1.3700

■ 87.7660, 79.8680,
6.3000

■ 155.8720, 12.1040,
0.9040

■ 82.5170, 85.0030,
6.8510

■ 164.2670, 3.6220,
0.4380

■ 173.2490, -5.1350,
-0.5510

■ 181.6440,
-13.6170, -1.0170

■ 189.9250,

-21.7780, -1.7940

■ 198.3200,
-30.2600, -2.2600

Harmonies

Analogous

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



122.9630, 46.1210, 17.6810



121.8190, 45.9860, 3.6020



119.8140, 35.2140, -10.4340

Triad

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



121.8190, 45.9860, 3.6020



105.1470, -49.7870, -28.3390



122.2310, -21.9190, 17.2890

Complementary

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



121.8190, 45.9860, 3.6020



123.1810, -45.9860, -3.6020

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.



112.2970, -57.8160, 1.5440



121.8190, 45.9860, 3.6020



96.6070, -83.2570, -27.4890

Square

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



121.8190, 45.9860, 3.6020



113.1760, -13.2000, -25.1040



97.6960, -90.4570, -18.1450



125.0840, 9.5320, 25.5000

Rectangle

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



121.8190, 45.9860, 3.6020



118.5410, 22.5610, -17.9110



97.6960, -90.4570, -18.1450



120.1370, -33.5180, 12.7380

Sweetspot

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



121.8190, 45.9860, 3.6020



201.5090, 17.5600, 1.1440



111.2770, 34.3340, 38.5740



99.3880, 10.5910, 0.7910



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.



121.8190, 45.9860, 3.6020



147.0470, 71.7070, 5.5230



147.6470, 33.8860, -19.4100



80.1530, 3.9430, 0.1270



73.0150, 74.7330, 5.7490



10.0890, 9.9950, 0.5790

Inverse Universe

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



123.1810, -45.9860, -3.6020



148.9530, -71.7070, -5.5230



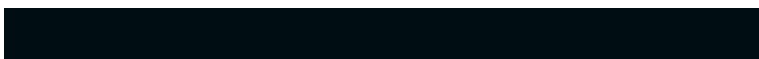
97.3530, -33.8860, 19.4100



79.8470, -3.9430, -0.1270



74.9850, -74.7330, -5.7490



10.4980, -10.2700, -1.1020

Previews

White Background



This preview shows how the YIQ color 121.8190, 45.9860, 3.6020 looks on a white background.

Color Contrast Check

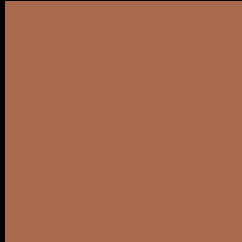
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8190, 45.9860, 3.6020 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 121.8190, 45.9860, 3.6020

Background



This preview shows how black text looks on a background with the YIQ color 121.8190, 45.9860, 3.6020.



This preview shows how white text looks on a background with the YIQ color 121.8190, 45.9860,

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

121.8190, 45.9860, 3.6020

Protanopia

120.5440, 18.4790, -10.0090

Deuteranopia

121.4810, 31.9580, -6.4900



Tritanopia

124.1300, 38.2810, 16.5930

Trichromacy



Original Color

121.8190, 45.9860, 3.6020

Protanomaly

121.2680, 28.2440, -5.2600

Deuteranomaly

121.3400, 36.9090, -2.6030

Tritanomaly

123.0500, 41.2620, 12.1260

Monochromacy



Original Color

121.8190, 45.9860, 3.6020

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.3240, 16.6430, 1.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8190, 45.9860, 3.6020 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(168, 107, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 107, 77) }
```

Border

The CSS property to change the border of an element to YIQ 121.8190, 45.9860, 3.6020 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, 77) }
```


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

```
.border{ border-color:rgb(168, 107, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 107, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 107, 77);  
box-shadow:4px 4px 4px 4px rgb(168, 107,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8190, 45.9860, 3.6020 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, 77) }
```

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

```
.background{ background-color: rgb(168,  
107, 77) }
```

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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