

Converting Colors

YIQ(121.9950, 60.2900, 8.6900)

Have a look what the booklet for
YIQ(121.9950, 60.2900, 8.6900)
contains.

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Color

**YIQ(121.9950, 60.2900,
8.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	B96446
RGB	185, 100, 70
RGB Percent	73%, 39%, 27%
CMY	0.2743, 0.6080, 0.7252
CMYK	0.00, 0.46, 0.62, 0.27
HSL	16°, 45%, 50%
HSV	16°, 62%, 73%
XYZ	25.6802, 19.8706, 8.2874
YIQ	121.9950, 60.2900, 8.6900

Conversions

Conversions Part 2

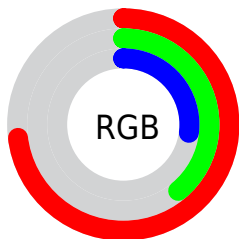
Format	Color
RYB	185, 111, 70
Decimal	12149830
CIELab	51.69, 31.47, 31.95
CIELCh	52, 44.845, 45.434
Yxy	19.8706, 0.4770, 0.3691
Android (android.graphics.Color)	4290339910 (0xFFB96446)
YUV	121.9950, -25.6335, 55.2554
Hunter-Lab	44.5765, 24.8239, 20.1807

Details

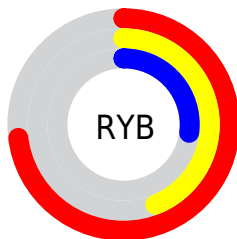
The YIQ color **121.9950, 60.2900, 8.6900** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **133.0050, -60.2900, -8.6900**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0450, 66.0210, 9.4530**, and **70.7600, 53.6420, 8.0260** is the 20% darker color. If you saturate the color by 10%, you get **111.7250, 69.9180, 10.4140**, and if you desaturate by 10%, it is **132.3790, 50.3410, 7.2770**.

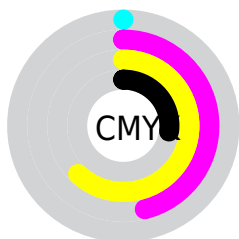
Distribution



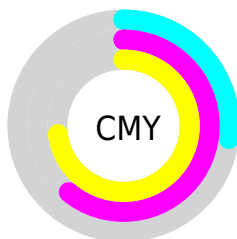
- Red (73%)
- Green (39%)
- Blue (27%)



- Red (73%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (62%)
- Black (27%)





- Cyan (27%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.9950, 60.2900, 8.6900 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 121.9950, 60.2900, 8.6900 by changing the saturation by 10% instead.


 121.9950, 60.2900,
8.6900


 121.9950, 60.2900,
8.6900


255.0000, -0.0000,
-0.0000


 96.0270, 57.2640,
8.4640


 176.0450, 66.0210,
9.4530


 70.7600, 53.6420,
8.0260


 197.8480, 56.2100,
5.5380


 45.4500, 51.5790,
6.8670

 217.3620, 39.8430,
-0.7090

 21.8160, 42.0410,
14.5290

 237.4630, 23.2010,
-7.4790

 14.0530, 28.0120,
9.9640

 251.8080, 8.9880,
-8.7080

 0.0000, 0.0000,
0.0000

121.9950, 60.2900,
8.6900

121.9950, 60.2900,
8.6900

111.7250, 69.9180,
10.4140

132.3790, 50.3410,
7.2770

101.9280, 79.5920,
11.3040

142.0620, 40.9880,
6.0760

91.6580, 89.2200,
13.0280

152.4460, 31.0390,
4.6630

83.4910, 97.0600,
14.1160

162.7160, 21.4110,
2.9390

172.5130, 11.7370,
2.0490

182.7830, 2.1090,
0.3250

193.1670, -7.8400,
-1.0880

203.4370,

-17.4680, -2.8120

■ 213.2340,
-27.1420, -3.7020

Harmonies

Analogous

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



123.1050, 57.7650, 26.9250



121.9950, 60.2900, 8.6900



120.7030, 48.6480, -11.6080

Triad

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



121.9950, 60.2900, 8.6900



94.5090, -71.8380, -41.7100



120.4060, -41.4050, 18.0110

Complementary

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



121.9950, 60.2900, 8.6900



133.0050, -60.2900, -8.6900

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.



100.5290, -99.8120, -8.2920



121.9950, 60.2900, 8.6900



99.5420, -84.6320, -30.1040

Square

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



121.9950, 60.2900, 8.6900



111.9880, -10.0350, -32.9070



102.3580, -95.3170, -18.1730



126.9620, 4.3040, 32.1440

Rectangle

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



121.9950, 60.2900, 8.6900



118.2510, 34.9410, -22.0110



102.3580, -95.3170, -18.1730



114.7130, -61.6230, 9.9690

Sweetspot

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



121.9950, 60.2900, 8.6900



214.7980, 24.1160, 3.4760



114.1890, 40.9340, 51.1260



104.4810, 14.7630, 2.2750



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.9950, 60.2900, 8.6900



141.4090, 94.3550, 13.5790



154.8670, 44.8900, -20.5980



86.8650, 4.8140, 0.8620



70.1240, 81.9760, 12.1520



12.4810, 14.7630, 2.2750

Inverse Universe

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



133.0050, -60.2900, -8.6900



158.5910, -94.3550, -13.5790



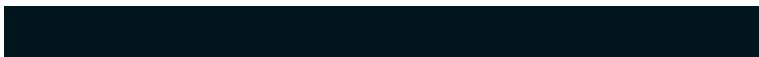
100.1330, -44.8900, 20.5980



87.5480, -4.5390, -0.3390



85.2890, -81.7010, -11.6290



15.5190, -14.7630, -2.2750

Previews

White Background



This preview shows how the YIQ color 121.9950, 60.2900, 8.6900 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 121.9950, 60.2900, 8.6900 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 121.9950, 60.2900, 8.6900

Background



This preview shows how black text looks on a background with the YIQ color 121.9950, 60.2900, 8.6900.



This preview shows how white text looks on a background with the YIQ color 121.9950, 60.2900, 8.6900.

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

121.9950, 60.2900, 8.6900

Protanopia

122.1590, 21.0010, -11.6630

Deuteranopia

122.2380, 36.9560, -8.9640



Tritanopia

124.0070, 51.9890, 21.4690

Trichromacy



Original Color

121.9950, 60.2900, 8.6900

Protanomaly

121.9160, 35.1670, -4.0730

Deuteranomaly

121.8310, 45.7120, -2.4480

Tritanomaly

122.9270, 54.9700, 17.0020

Monochromacy



Original Color

121.9950, 60.2900, 8.6900

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0150, 22.0070, 3.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9950, 60.2900, 8.6900 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(185, 100, 70)` looks like.

```
.text, #text, p{  
    color:rgb(185, 100, 70)  
}
```

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(185, 100, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 100, 70) }
```

Border

The CSS property to change the border of an element to YIQ 121.9950, 60.2900, 8.6900 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(185, 100, 70) }
```


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

```
.border{ border-color:rgb(185, 100, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 100, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 100, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 100, 70);  
box-shadow:4px 4px 4px 4px rgb(185, 100,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9950, 60.2900, 8.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 100, 70) }
```

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

```
.background{ background-color: rgb(185,  
100, 70) }
```

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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