

Converting Colors

YIQ(122.7250, 60.7500, 0.3500)

Have a look what the booklet for
YIQ(122.7250, 60.7500, 0.3500)
contains.

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Color

**YIQ(122.7250, 60.7500,
0.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	B56A38
RGB	181, 106, 56
RGB Percent	71%, 42%, 22%
CMY	0.2901, 0.5844, 0.7801
CMYK	0.00, 0.41, 0.69, 0.29
HSL	24°, 53%, 46%
HSV	24°, 69%, 71%
XYZ	24.9312, 20.4161, 6.3772
YIQ	122.7250, 60.7500, 0.3500

Conversions

Conversions Part 2

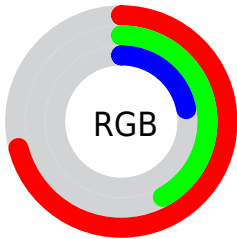
Format	Color
R_{YB}	181, 139, 56
Decimal	11889208
CIE Lab	52.30, 25.65, 40.10
CIE LCh	52, 47.598, 57.393
Yxy	20.4161, 0.4820, 0.3947
Android (android.graphics.Color)	4290079288 (0xFFB56A38)
YUV	122.7250, -32.8954, 51.1072
Hunter-Lab	45.1841, 19.4185, 23.2608

Details

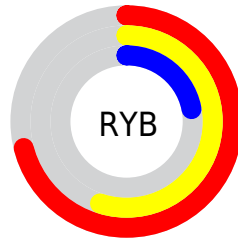
The YIQ color **122.7250, 60.7500, 0.3500** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **114.2750, -60.7500, -0.3500**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.7750, 66.4810, 1.1130**, and **71.6210, 55.1110, -2.0810** is the 20% darker color. If you saturate the color by 10%, you get **114.2160, 69.5530, 0.5050**, and if you desaturate by 10%, it is **131.2340, 51.9470, 0.1950**.

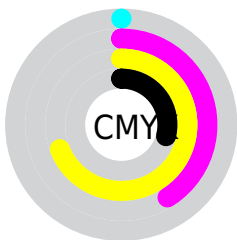
Distribution



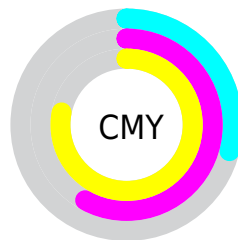
- Red (71%)
- Green (42%)
- Blue (22%)



- Red (71%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (69%)
- Black (29%)




- Cyan (29%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.7250, 60.7500, 0.3500 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 122.7250, 60.7500, 0.3500 by changing the saturation by 10% instead.


 122.7250, 60.7500,
0.3500

 122.7250, 60.7500,
0.3500


255.0000, -0.0000,
-0.0000


 96.7570, 57.7240,
0.1240


 176.7750, 66.4810,
1.1130


 71.6210, 55.1110,
-2.0810


 199.7740, 59.0540,
-1.9540


 48.9500, 46.9950,
1.8350

 219.1740, 43.0080,
-8.5120

 27.3760, 37.2280,
8.1400

 238.6880, 26.6410,
-14.7590

 12.8570, 25.6280,
9.1160

 250.0980, 13.8030,
-13.3730

 0.0000, 0.0000,
0.0000

 253.4040, 4.4940,

-4.3540

■ 122.7250, 60.7500,
0.3500

■ 122.7250, 60.7500,
0.3500

■ 114.2160, 69.5530,
0.5050

■ 131.2340, 51.9470,
0.1950

■ 105.7070, 78.3560,
0.6600

■ 139.7430, 43.1440,
0.0400

■ 97.1980, 87.1590,
0.8150

■ 148.2520, 34.3410,
-0.1150

■ 96.3830, 88.0760,
0.7160

■ 156.1740, 25.8130,
0.2530

■ 164.7970, 16.6890,
0.4090

■ 173.3060, 7.8860,
0.2540

■ 181.8150, -0.9170,
0.0990

■ 190.3240, -9.7200,
-0.0560

■ 198.8330,
-18.5230, -0.2110

Harmonies

Analogous

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



123.4660, 63.8180, 21.8500



122.7250, 60.7500, 0.3500



120.2090, 43.9270, -19.6650

Triad

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



122.7250, 60.7500, 0.3500



98.2080, -78.1200, -37.9920



125.8430, -23.3420, 26.5620

Complementary

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



122.7250, 60.7500, 0.3500



114.2750, -60.7500, -0.3500

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.



99.7940, -101.8760, -3.9240



122.7250, 60.7500, 0.3500



102.8820, -91.2810, -25.2410

Square

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



122.7250, 60.7500, 0.3500



108.2180, -31.3540, -37.5140



104.1820, -100.4530, -13.1970



128.5080, 20.4420, 37.0340

Rectangle

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



122.7250, 60.7500, 0.3500



118.0600, 24.9930, -28.9510



104.1820, -100.4530, -13.1970



122.8730, -41.2220, 20.2020

Sweetspot

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



122.7250, 60.7500, 0.3500



211.6900, 24.3000, 0.1400



102.1530, 49.7830, 50.4470



103.7150, 13.9840, -0.1280



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



122.7250, 60.7500, 0.3500



144.0910, 94.7700, 0.5460



157.9450, 44.2500, -31.0300



85.0390, 4.2640, -0.1840



81.5540, 74.4130, 0.5330



13.6440, 12.7460, 0.2820

Inverse Universe

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



114.2750, -60.7500, -0.3500



130.9090, -94.7700, -0.5460



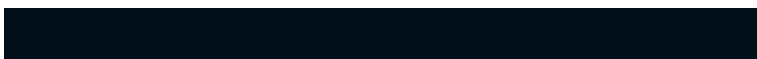
79.0550, -44.2500, 31.0300



84.5480, -4.5390, -0.3390



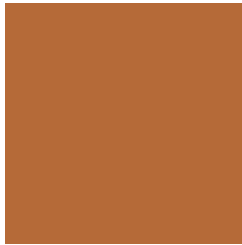
71.4460, -74.4130, -0.5330



11.7690, -12.4710, 0.2410

Previews

White Background



This preview shows how the YIQ color 122.7250, 60.7500, 0.3500 looks on a white background.

Color Contrast Check

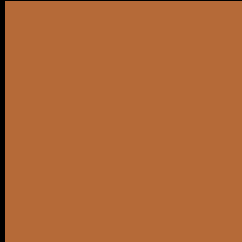
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7250, 60.7500, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

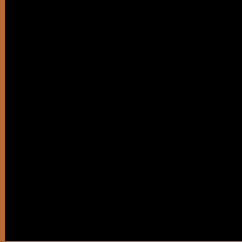
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.7250, 60.7500, 0.3500

Background



This preview shows how black text looks on a background with the YIQ color 122.7250, 60.7500, 0.3500.



This preview shows how white text looks on a background with the YIQ color 122.7250, 60.7500,

0.3500.

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

122.7250, 60.7500, 0.3500

Protanopia

121.7050, 27.9710, -16.8370

Deuteranopia

122.2400, 42.6420, -12.8940



Tritanopia

125.9140, 47.8170, 19.9850

Trichromacy



Original Color

122.7250, 60.7500, 0.3500

Protanomaly

122.1520, 40.0740, -10.4060

Deuteranomaly

122.1100, 49.0600, -8.0600

Tritanomaly

124.6230, 52.7700, 12.8180

Monochromacy



Original Color

122.7250, 60.7500, 0.3500

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0210, 21.8700, 0.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.7250, 60.7500, 0.3500 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(181, 106, 56)` looks like.

```
.text, #text, p{  
    color:rgb(181, 106, 56)  
}
```

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(181, 106, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 106, 56) }
```

Border

The CSS property to change the border of an element to YIQ 122.7250, 60.7500, 0.3500 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(181, 106, 56) }
```


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

```
.border{ border-color:rgb(181, 106, 56) }
```

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

Here you see how a box with a 4 pixel rgb(181, 106, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 106, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 106, 56);  
box-shadow:4px 4px 4px 4px rgb(181, 106,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 122.7250, 60.7500, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 106, 56) }
```

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

```
.background{ background-color: rgb(181,  
106, 56) }
```

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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