

Converting Colors

YIQ(124.1900, 55.2470, 6.4710)

Have a look what the booklet for
YIQ(124.1900, 55.2470, 6.4710)
contains.

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Color

**YIQ(124.1900, 55.2470,
6.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	B5694A
RGB	181, 105, 74
RGB Percent	71%, 41%, 29%
CMY	0.2900, 0.5883, 0.7096
CMYK	0.00, 0.42, 0.59, 0.29
HSL	17°, 42%, 50%
HSV	17°, 59%, 71%
XYZ	25.3522, 20.4206, 9.0949
YIQ	124.1900, 55.2470, 6.4710

Conversions

Conversions Part 2

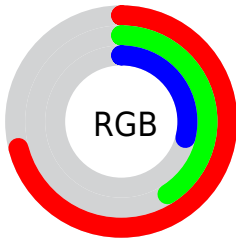
Format	Color
R _Y B	181, 118, 74
Decimal	11888970
CIE Lab	52.31, 27.42, 30.35
CIE LCh	52, 40.900, 47.903
Yxy	20.4206, 0.4621, 0.3722
Android (android.graphics.Color)	4290079050 (0xFFB5694A)
YUV	124.1900, -24.7437, 49.8224
Hunter-Lab	45.1892, 21.0615, 19.6996

Details

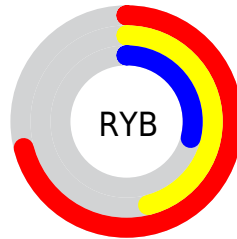
The YIQ color **124.1900, 55.2470, 6.4710** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **130.8100, -55.2470, -6.4710**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.9410, 60.3820, 7.0220**, and **73.2540, 49.1950, 6.0190** is the 20% darker color. If you saturate the color by 10%, you get **114.5070, 64.6000, 7.6720**, and if you desaturate by 10%, it is **133.8730, 45.8940, 5.2700**.

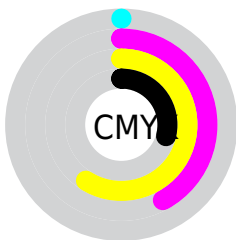
Distribution



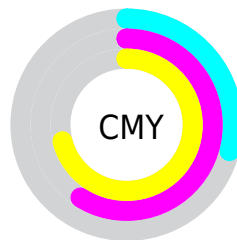
- Red (71%)
- Green (41%)
- Blue (29%)



- Red (71%)
- Yellow (46%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (59%)
- Black (29%)




- Cyan (29%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.1900, 55.2470, 6.4710 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 124.1900, 55.2470, 6.4710 by changing the saturation by 10% instead.


 124.1900, 55.2470,
6.4710


 124.1900, 55.2470,
6.4710


255.0000, -0.0000,
-0.0000


 98.2220, 52.2210,
6.2450


 177.9410, 60.3820,
7.0220


 73.2540, 49.1950,
6.0190


 201.2390, 53.5510,
4.1670


 48.7590, 46.2150,
4.9590

 220.7530, 37.1840,
-2.0800

 25.9140, 38.6490,
9.9210

 240.9680, 20.2210,
-8.5390

 13.1560, 26.2240,
9.3280

 252.3780, 7.3830,
-7.1530

 0.0000, 0.0000,
0.0000

■ 124.1900, 55.2470,
6.4710

■ 124.1900, 55.2470,
6.4710

■ 114.5070, 64.6000,
7.6720

■ 133.8730, 45.8940,
5.2700

■ 104.8240, 73.9530,
8.8730

■ 143.5560, 36.5410,
4.0690

■ 95.1410, 83.3060,
10.0740

■ 153.2390, 27.1880,
2.8680

■ 85.4580, 92.6590,
11.2750

■ 162.3350, 18.1100,
2.1900

■ 84.6430, 93.5760,
11.1760

■ 172.1320, 8.4360,
1.3000

■ 181.8150, -0.9170,
0.0990

■ 191.4980,
-10.2700, -1.1020

■ 201.1810,

-19.6230, -2.3030

■ 210.8640,
-28.9760, -3.5040

Harmonies

Analogous

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



125.4310, 53.7310, 22.9390



124.1900, 55.2470, 6.4710



122.7780, 44.0630, -11.1130

Triad

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



124.1900, 55.2470, 6.4710



99.3680, -66.8870, -37.8230



124.0110, -32.9230, 18.4770

Complementary

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



124.1900, 55.2470, 6.4710



130.8100, -55.2470, -6.4710

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.



100.0730, -98.5280, -9.5360



124.1900, 55.2470, 6.4710



100.4710, -85.8700, -29.6940

Square

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



124.1900, 55.2470, 6.4710



114.4980, -11.4110, -29.9950



102.2440, -94.9960, -18.4840



128.4630, 7.1470, 30.1790

Rectangle

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



124.1900, 55.2470, 6.4710



120.8530, 30.3100, -20.6820



102.2440, -94.9960, -18.4840



119.7100, -48.3730, 12.1310

Sweetspot

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



124.1900, 55.2470, 6.4710



212.4880, 22.0530, 2.3170



114.7710, 39.0550, 46.6310



103.4700, 13.2960, 1.3280



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.



124.1900, 55.2470, 6.4710



146.1090, 86.3320, 10.3000



155.3010, 40.6720, -21.2480



84.4520, 4.5390, 0.3390



71.5750, 79.0880, 9.4240



11.8830, 13.5710, 1.8510

Inverse Universe

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



130.8100, -55.2470, -6.4710



156.3040, -86.0570, -9.7770



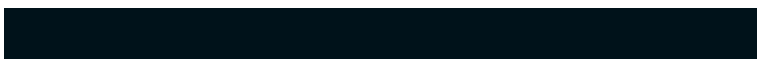
99.6990, -40.6720, 21.2480



85.1350, -4.8140, -0.8620



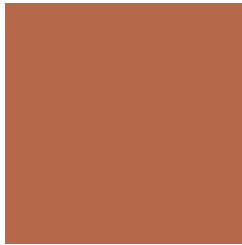
81.4250, -79.0880, -9.4240



13.5300, -13.2960, -1.3280

Previews

White Background



This preview shows how the YIQ color 124.1900, 55.2470, 6.4710 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 124.1900, 55.2470, 6.4710 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 124.1900, 55.2470, 6.4710

Background



This preview shows how black text looks on a background with the YIQ color 124.1900, 55.2470, 6.4710.



This preview shows how white text looks on a background with the YIQ color 124.1900, 55.2470,

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

124.1900, 55.2470, 6.4710

Protanopia

123.3870, 20.3590, -11.0410

Deuteranopia

123.6940, 35.6720, -7.7200



Tritanopia

126.3160, 46.6250, 19.5610

Trichromacy



Original Color

124.1900, 55.2470, 6.4710

Protanomaly

123.7200, 32.7830, -4.9210

Deuteranomaly

123.8630, 42.6860, -2.6740

Tritanomaly

125.2360, 49.6060, 15.0940

Monochromacy



Original Color

124.1900, 55.2470, 6.4710

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.1180, 20.2190, 2.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1900, 55.2470, 6.4710 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, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 105, 74)  
}
```

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, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 105, 74) }
```

Border

The CSS property to change the border of an element to YIQ 124.1900, 55.2470, 6.4710 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, 105, 74) }
```


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

```
.border{ border-color:rgb(181, 105, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 105, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 105,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1900, 55.2470, 6.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 105, 74) }
```

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

```
.background{ background-color: rgb(181,  
105, 74) }
```

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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