

Converting Colors

YIQ(131.2340, 51.9470, 0.1950)

Have a look what the booklet for
YIQ(131.2340, 51.9470, 0.1950)
contains.

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Color

**YIQ(131.2340, 51.9470,
0.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	B5754A
RGB	181, 117, 74
RGB Percent	71%, 46%, 29%
CMY	0.2901, 0.5413, 0.7096
CMYK	0.00, 0.35, 0.59, 0.29
HSL	24°, 42%, 50%
HSV	24°, 59%, 71%
XYZ	26.6598, 23.0391, 9.5312
YIQ	131.2340, 51.9470, 0.1950

Conversions

Conversions Part 2

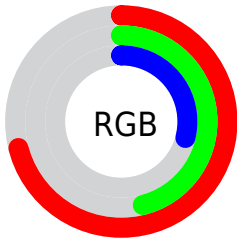
Format	Color
RYB	181, 146, 74
Decimal	11892042
CIELab	55.11, 20.78, 33.81
CIELCh	55, 39.680, 58.424
Yxy	23.0391, 0.4501, 0.3890
Android (android.graphics.Color)	4290082122 (0xFFB5754A)
YUV	131.2340, -28.2164, 43.6448
Hunter-Lab	47.9991, 15.1445, 21.8261

Details

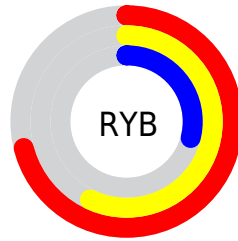
The YIQ color **131.2340, 51.9470, 0.1950** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **123.7660, -51.9470, -0.1950**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.0990, 56.7610, 1.0570**, and **80.1840, 46.2160, -0.5680** is the 20% darker color. If you saturate the color by 10%, you get **122.7250, 60.7500, 0.3500**, and if you desaturate by 10%, it is **139.7430, 43.1440, 0.0400**.

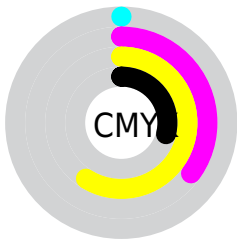
Distribution



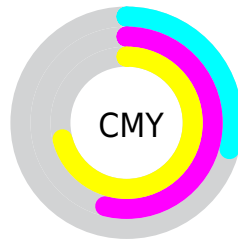
- Red (71%)
- Green (46%)
- Blue (29%)



- Red (71%)
- Yellow (57%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.2340, 51.9470, 0.1950 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 131.2340, 51.9470, 0.1950 by changing the saturation by 10% instead.


 131.2340, 51.9470,
0.1950


 131.2340, 51.9470,
0.1950


255.0000, -0.0000,
-0.0000


 105.2660, 48.9210,
-0.0310


 185.0990, 56.7610,
1.0570


 80.1840, 46.2160,
-0.5680


 208.9840, 49.6550,
-2.3210


 55.8740, 44.1530,
-1.7270

 228.4980, 33.2880,
-8.5680

 34.4310, 35.3950,
2.8110

 248.5990, 16.6460,
-15.3380

 14.0420, 26.5450,
9.0170

 252.4920, 7.0620,
-6.8420

 0.0000, 0.0000,
0.0000

■ 131.2340, 51.9470,
0.1950

■ 131.2340, 51.9470,
0.1950

■ 122.7250, 60.7500,
0.3500

■ 139.7430, 43.1440,
0.0400

■ 114.2160, 69.5530,
0.5050

■ 148.2520, 34.3410,
-0.1150

■ 105.7070, 78.3560,
0.6600

■ 156.1740, 25.8130,
0.2530

■ 97.7850, 86.8840,
0.2920

■ 164.6830, 17.0100,
0.0980

■ 96.9700, 87.8010,
0.1930

■ 173.3060, 7.8860,
0.2540

■ 181.8150, -0.9170,
0.0990

■ 190.3240, -9.7200,
-0.0560

■ 198.8330,

-18.5230, -0.2110

■ 207.3420,
-27.3260, -0.3660

Harmonies

Analogous

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



132.3400, 55.2450, 17.5250



131.2340, 51.9470, 0.1950



128.8370, 36.4070, -15.5370

Triad

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



131.2340, 51.9470, 0.1950



102.1690, -82.3840, -37.8080



134.1440, -17.0600, 22.8440

Complementary

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



131.2340, 51.9470, 0.1950



123.7660, -51.9470, -0.1950

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.



122.9640, -61.0720, 5.4880



131.2340, 51.9470, 0.1950



106.1590, -93.6190, -26.9230

Square

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



131.2340, 51.9470, 0.1950



119.5550, -24.7530, -30.4890



106.7750, -100.8650, -16.7450



136.0360, 18.6550, 30.8710

Rectangle

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



131.2340, 51.9470, 0.1950



127.1830, 20.4530, -23.7630



106.7750, -100.8650, -16.7450



131.6800, -30.4930, 18.4910

Sweetspot

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



131.2340, 51.9470, 0.1950



214.8360, 20.9530, 0.2250



113.2890, 43.2280, 42.5880



105.2310, 12.4710, -0.2410



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.



131.2340, 51.9470, 0.1950



157.2620, 81.1070, 0.3630



162.3450, 37.3720, -27.5240



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.



123.7660, -51.9470, -0.1950



145.7380, -81.1070, -0.3630



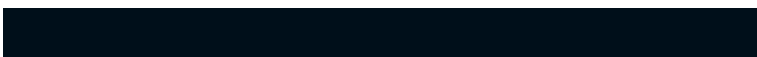
92.6550, -37.3720, 27.5240



84.5480, -4.5390, -0.3390



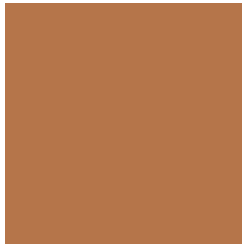
71.4460, -74.4130, -0.5330



11.7690, -12.4710, 0.2410

Previews

White Background



This preview shows how the YIQ color 131.2340, 51.9470, 0.1950 looks on a white background.

Color Contrast Check

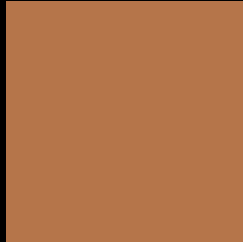
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2340, 51.9470, 0.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

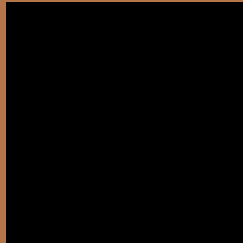
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.2340, 51.9470, 0.1950

Background



This preview shows how black text looks on a background with the YIQ color 131.2340, 51.9470, 0.1950.



This preview shows how white text looks on a background with the YIQ color 131.2340, 51.9470,

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

131.2340, 51.9470, 0.1950

Protanopia

129.9590, 24.4400, -13.4160

Deuteranopia

130.6080, 38.7900, -9.1620



Tritanopia

133.8530, 40.6190, 18.2750

Trichromacy



Original Color

131.2340, 51.9470, 0.1950

Protanomaly

130.6830, 34.2050, -8.6670

Deuteranomaly

131.0540, 43.4660, -5.7980

Tritanomaly

132.7900, 44.9300, 11.7300

Monochromacy



Original Color

131.2340, 51.9470, 0.1950

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0530, 18.8440, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2340, 51.9470, 0.1950 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, 117, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 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, 117, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 74) }
```

Border

The CSS property to change the border of an element to YIQ 131.2340, 51.9470, 0.1950 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, 117, 74) }
```


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

```
.border{ border-color:rgb(181, 117, 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, 117, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2340, 51.9470, 0.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 74) }
```

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

```
.background{ background-color: rgb(181,  
117, 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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