

Converting Colors

YIQ(130.4620, 51.3050, 0.8170)

Have a look what the booklet for
YIQ(130.4620, 51.3050, 0.8170)
contains.

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Color

**YIQ(130.4620, 51.3050,
0.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	B4744B
RGB	180, 116, 75
RGB Percent	71%, 45%, 29%
CMY	0.2940, 0.5452, 0.7056
CMYK	0.00, 0.36, 0.58, 0.29
HSL	23°, 41%, 50%
HSV	23°, 58%, 71%
XYZ	26.3443, 22.7006, 9.6605
YIQ	130.4620, 51.3050, 0.8170

Conversions

Conversions Part 2

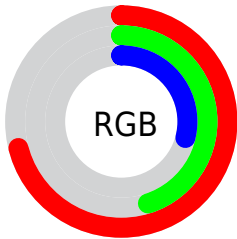
Format	Color
R_{YB}	180, 142, 75
Decimal	11826251
CIE Lab	54.76, 20.99, 32.80
CIE LCh	55, 38.943, 57.385
Yxy	22.7006, 0.4488, 0.3867
Android (android.graphics.Color)	4290016331 (0xFFB4744B)
YUV	130.4620, -27.3428, 43.4448
Hunter-Lab	47.6451, 15.3185, 21.3299

Details

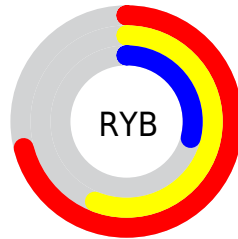
The YIQ color **130.4620, 51.3050, 0.8170** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **124.5380, -51.3050, -0.8170**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3270, 56.1190, 1.6790**, and **79.4120, 45.5740, 0.0540** is the 20% darker color. If you saturate the color by 10%, you get **121.9530, 60.1080, 0.9720**, and if you desaturate by 10%, it is **138.9710, 42.5020, 0.6620**.

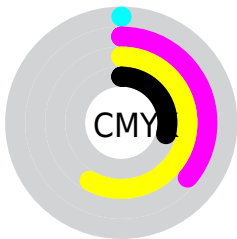
Distribution



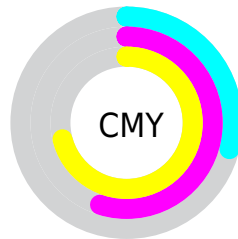
- Red (71%)
- Green (45%)
- Blue (29%)



- Red (71%)
- Yellow (56%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (29%)





- Cyan (29%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4620, 51.3050, 0.8170 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 130.4620, 51.3050, 0.8170 by changing the saturation by 10% instead.


 130.4620, 51.3050,
0.8170


 130.4620, 51.3050,
0.8170


255.0000, -0.0000,
-0.0000


 104.4940, 48.2790,
0.5910


 184.3270, 56.1190,
1.6790


 79.7110, 46.1700,
0.2660


 208.5110, 49.6090,
-1.4870


 55.2160, 43.1900,
-0.7940

 228.0250, 33.2420,
-7.7340

 34.4310, 35.3950,
2.8110

 247.5390, 16.8750,
-13.9810

 13.1560, 26.2240,
9.3280

 252.6060, 6.7410,
-6.5310

 0.0000, 0.0000,
0.0000

■ 130.4620, 51.3050,
0.8170

■ 130.4620, 51.3050,
0.8170

■ 121.9530, 60.1080,
0.9720

■ 138.9710, 42.5020,
0.6620

■ 113.4440, 68.9110,
1.1270

■ 147.4800, 33.6990,
0.5070

■ 104.9350, 77.7140,
1.2820

■ 155.9890, 24.8960,
0.3520

■ 96.4260, 86.5170,
1.4370

■ 164.4980, 16.0930,
0.1970

■ 94.9100, 88.0300,
1.5500

■ 173.0070, 7.2900,
0.0420

■ 181.5160, -1.5130,
-0.1130

■ 190.0250,
-10.3160, -0.2680

■ 198.5340,

-19.1190, -0.4230

■ 207.0430,
-27.9220, -0.5780

Harmonies

Analogous

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



131.8560, 53.7320, 17.4120



130.4620, 51.3050, 0.8170



128.2500, 36.6820, -15.0140

Triad

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



130.4620, 51.3050, 0.8170



101.3540, -81.4670, -37.9070



132.5460, -18.2520, 22.4200

Complementary

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



130.4620, 51.3050, 0.8170



124.5380, -51.3050, -0.8170

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.



121.8500, -60.7510, 5.1770



130.4620, 51.3050, 0.8170



105.2300, -92.3810, -27.3330

Square

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



130.4620, 51.3050, 0.8170



119.3380, -22.6440, -30.1640



105.8460, -99.6270, -17.1550



135.1390, 16.8670, 30.2350

Rectangle

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



130.4620, 51.3050, 0.8170



126.1230, 20.6820, -22.4060



105.8460, -99.6270, -17.1550



130.5550, -31.6390, 17.2330

Sweetspot

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



130.4620, 51.3050, 0.8170



215.7650, 19.7150, 0.6350



113.8050, 41.7150, 42.4750



106.1600, 11.2330, 0.1690



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.



130.4620, 51.3050, 0.8170



156.9030, 80.7400, 1.5080



160.9860, 37.0050, -26.3790



85.0390, 4.2640, -0.1840



80.9670, 74.6880, 1.0560



13.6440, 12.7460, 0.2820

Inverse Universe

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



124.5380, -51.3050, -0.8170



148.0970, -80.7400, -1.5080



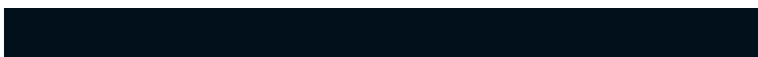
94.0140, -37.0050, 26.3790



84.5480, -4.5390, -0.3390



72.0330, -74.6880, -1.0560



12.3560, -12.7460, -0.2820

Previews

White Background



This preview shows how the YIQ color 130.4620, 51.3050, 0.8170 looks on a white background.

Color Contrast Check

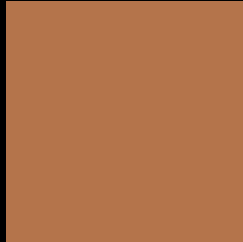
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4620, 51.3050, 0.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

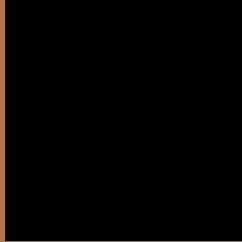
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.4620, 51.3050, 0.8170

Background



This preview shows how black text looks on a background with the YIQ color 130.4620, 51.3050, 0.8170.



This preview shows how white text looks on a background with the YIQ color 130.4620, 51.3050,

0.8170.

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

130.4620, 51.3050, 0.8170

Protanopia

129.1870, 23.7980, -12.7940

Deuteranopia

129.8360, 38.1480, -8.5400



Tritanopia

133.4400, 40.3440, 17.7520

Trichromacy



Original Color

130.4620, 51.3050, 0.8170

Protanomaly

129.9110, 33.5630, -8.0450

Deuteranomaly

130.2820, 42.8240, -5.1760

Tritanomaly

132.4910, 44.3340, 11.5180

Monochromacy



Original Color

130.4620, 51.3050, 0.8170

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1670, 18.5230, 0.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4620, 51.3050, 0.8170 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(180, 116, 75)` looks like.

```
.text, #text, p{  
    color:rgb(180, 116, 75)  
}
```

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(180, 116, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 116, 75) }
```

Border

The CSS property to change the border of an element to YIQ 130.4620, 51.3050, 0.8170 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(180, 116, 75) }
```


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

```
.border{ border-color:rgb(180, 116, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 116, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 116, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 116, 75);  
box-shadow:4px 4px 4px 4px rgb(180, 116,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4620, 51.3050, 0.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 116, 75) }
```

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

```
.background{ background-color: rgb(180,  
116, 75) }
```

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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