

Converting Colors

YIQ(130.7700, 47.6820, 5.9060)

Have a look what the booklet for
YIQ(130.7700, 47.6820, 5.9060)
contains.

YIQ(130.7700, 47.6820, 5.9060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(130.7700, 47.6820,
5.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	B47258
RGB	180, 114, 88
RGB Percent	71%, 45%, 35%
CMY	0.2940, 0.5530, 0.6547
CMYK	0.00, 0.37, 0.51, 0.29
HSL	17°, 38%, 53%
HSV	17°, 51%, 71%
XYZ	26.6086, 22.4414, 12.1733
YIQ	130.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

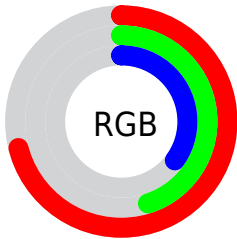
Format	Color
R_{YB}	180, 124, 88
Decimal	11825752
CIE _{Lab}	54.49, 23.24, 25.19
CIE _{LCh}	54, 34.274, 47.303
Yxy	22.4414, 0.4346, 0.3666
Android (android.graphics.Color)	4290015832 (0xFFB47258)
YUV	130.7700, -21.0856, 43.1747
Hunter-Lab	47.3724, 17.3600, 17.9249

Details

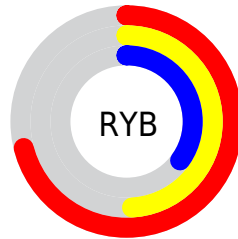
The YIQ color **130.7700, 47.6820, 5.9060** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **137.2300, -47.6820, -5.9060**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3360, 51.9000, 6.5560**, and **80.0190, 42.5470, 5.3550** is the 20% darker color. If you saturate the color by 10%, you get **121.0870, 57.0350, 7.1070**, and if you desaturate by 10%, it is **140.4530, 38.3290, 4.7050**.

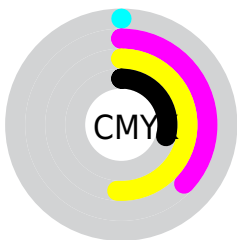
Distribution



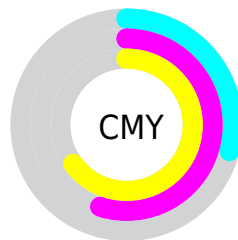
- Red (71%)
- Green (45%)
- Blue (35%)



- Red (71%)
- Yellow (49%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.7700, 47.6820, 5.9060 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 130.7700, 47.6820, 5.9060 by changing the saturation by 10% instead.


 130.7700, 47.6820,
5.9060


 130.7700, 47.6820,
5.9060


255.0000, -0.0000,
-0.0000


 104.9870, 45.5730,
5.5810


 184.3360, 51.9000,
6.5560


 80.0190, 42.5470,
5.3550


 208.9330, 45.6650,
3.9130


 56.0510, 39.5210,
5.1290

 228.4470, 29.2980,
-2.3340

 32.9690, 36.8160,
4.5920

 248.0750, 12.6100,
-8.2700

 13.4550, 26.8200,
9.5400

 254.2020, 2.2470,
-2.1770

 0.0000, 0.0000,
0.0000

130.7700, 47.6820,
5.9060

130.7700, 47.6820,
5.9060

121.0870, 57.0350,
7.1070

140.4530, 38.3290,
4.7050

111.4040, 66.3880,
8.3080

150.1360, 28.9760,
3.5040

101.7210, 75.7410,
9.5090

159.8190, 19.6230,
2.3030

92.0380, 85.0940,
10.7100

169.5020, 10.2700,
1.1020

83.7570, 93.2550,
11.4870

179.1850, 0.9170,
-0.0990

188.8680, -8.4360,
-1.3000

197.9640,
-17.5140, -1.9780

207.6470,

-26.8670, -3.1790

■ 217.3300,
-36.2200, -4.3800

Harmonies

Analogous

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



132.0170, 46.0290, 19.3490



130.7700, 47.6820, 5.9060



128.8360, 38.1480, -8.5400

Triad

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



130.7700, 47.6820, 5.9060



115.6810, -42.5430, -27.4630



129.9530, -27.0080, 15.9040

Complementary

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



130.7700, 47.6820, 5.9060



137.2300, -47.6820, -5.9060

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.



119.4920, -62.8590, -0.6750



130.7700, 47.6820, 5.9060



102.4600, -87.3370, -30.6410

Square

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



130.7700, 47.6820, 5.9060



122.5140, -8.3400, -25.0760



103.6630, -94.8580, -20.9860



133.9310, 5.5890, 25.3730

Rectangle

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



130.7700, 47.6820, 5.9060



127.3350, 26.1370, -16.6390



103.6630, -94.8580, -20.9860



127.7450, -38.2860, 11.0420

Sweetspot

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



130.7700, 47.6820, 5.9060



215.6340, 18.7060, 2.4020



123.2600, 33.0040, 40.6520



105.8010, 10.8660, 1.3140



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.



130.7700, 47.6820, 5.9060



158.1230, 74.5490, 9.0850



157.1850, 35.3070, -17.6290



84.4520, 4.5390, 0.3390



70.9880, 79.3630, 9.9470



11.8830, 13.5710, 1.8510

Inverse Universe

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



137.2300, -47.6820, -5.9060



167.8770, -74.5490, -9.0850



111.4020, -35.5820, 17.1060



85.1350, -4.8140, -0.8620



82.0120, -79.3630, -9.9470



13.5300, -13.2960, -1.3280

Previews

White Background



This preview shows how the YIQ color 130.7700, 47.6820, 5.9060 looks on a white background.

Color Contrast Check

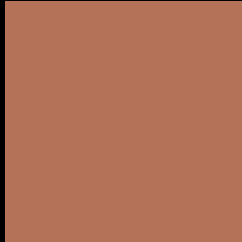
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7700, 47.6820, 5.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

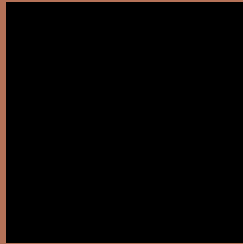
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.7700, 47.6820, 5.9060

Background



This preview shows how black text looks on a background with the YIQ color 130.7700, 47.6820, 5.9060.



This preview shows how white text looks on a background with the YIQ color 130.7700, 47.6820,

5.9060.

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

130.7700, 47.6820, 5.9060

Protanopia

129.8860, 17.5160, -9.0760

Deuteranopia

130.1220, 31.5910, -5.3450



Tritanopia

132.4400, 40.3440, 17.7520

Trichromacy



Original Color

130.7700, 47.6820, 5.9060

Protanomaly

130.2080, 28.4730, -3.9030

Deuteranomaly

130.2800, 37.1380, -1.2460

Tritanomaly

131.4740, 43.0040, 13.5960

Monochromacy



Original Color

130.7700, 47.6820, 5.9060

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0360, 17.5140, 1.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7700, 47.6820, 5.9060 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, 114, 88)` looks like.

```
.text, #text, p{  
    color:rgb(180, 114, 88)  
}
```

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, 114, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 114, 88) }
```

Border

The CSS property to change the border of an element to YIQ 130.7700, 47.6820, 5.9060 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, 114, 88) }
```


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

```
.border{ border-color:rgb(180, 114, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 114, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 114, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 114, 88);  
box-shadow:4px 4px 4px 4px rgb(180, 114,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7700, 47.6820, 5.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 114, 88) }
```

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

```
.background{ background-color: rgb(180,  
114, 88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor