

Converting Colors

YIQ(130.3750, 46.9960, -3.6920)

Have a look what the booklet for
YIQ(130.3750, 46.9960, -3.6920)
contains.

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Color

**YIQ(130.3750, 46.9960,
-3.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7848
RGB	173, 120, 72
RGB Percent	68%, 47%, 28%
CMY	0.3215, 0.5295, 0.7174
CMYK	0.00, 0.31, 0.58, 0.32
HSL	28°, 41%, 48%
HSV	28°, 58%, 68%
XYZ	25.1243, 22.7832, 9.2141
YIQ	130.3750, 46.9960, -3.6920

Conversions

Conversions Part 2

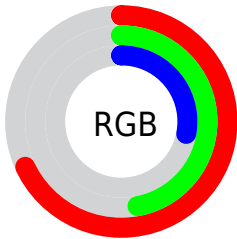
Format	Color
R_{YB}	173, 163, 72
Decimal	11368520
CIE Lab	54.85, 15.51, 34.35
CIE LCh	55, 37.685, 65.699
Yxy	22.7832, 0.4398, 0.3989
Android (android.graphics.Color)	4289558600 (0xFFAD7848)
YUV	130.3750, -28.7789, 37.3821
Hunter-Lab	47.7318, 10.4256, 21.9670

Details

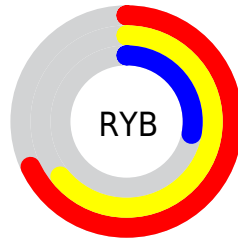
The YIQ color **130.3750, 46.9960, -3.6920** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **114.6250, -46.9960, 3.6920**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.9410, 51.2140, -3.0420**, and **79.6240, 41.8610, -4.2430** is the 20% darker color. If you saturate the color by 10%, you get **123.1540, 54.9280, -4.2720**, and if you desaturate by 10%, it is **137.5960, 39.0640, -3.1120**.

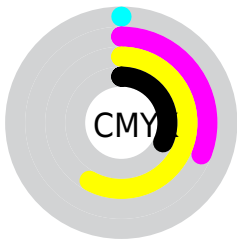
Distribution



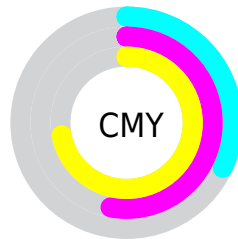
- Red (68%)
- Green (47%)
- Blue (28%)



- Red (68%)
- Yellow (64%)
- Blue (28%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)
- Black (32%)





- Cyan (32%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.3750, 46.9960, -3.6920 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 130.3750, 46.9960, -3.6920 by changing the saturation by 10% instead.


 130.3750, 46.9960,
-3.6920


 130.3750, 46.9960,
-3.6920


255.0000, -0.0000,
-0.0000


 104.7060, 44.5660,
-3.7060


 183.9410, 51.2140,
-3.0420


 79.6240, 41.8610,
-4.2430


 210.5170, 49.4720,
-4.5120

 55.7870, 39.8440,
-6.2360

 230.0310, 33.1050,
-10.7590

 34.9850, 30.7190,
-0.5530

 248.9580, 17.0130,
-16.4830

 14.5960, 21.8690,
5.6530

 252.2640, 7.7040,
-7.4640

 0.0000, 0.0000,
0.0000

■ 130.3750, 46.9960,
-3.6920

■ 130.3750, 46.9960,
-3.6920

■ 123.1540, 54.9280,
-4.2720

■ 137.5960, 39.0640,
-3.1120

■ 115.8190, 63.1810,
-5.1630

■ 144.9310, 30.8110,
-2.2210

■ 108.5980, 71.1130,
-5.7430

■ 152.1520, 22.8790,
-1.6410

■ 101.3770, 79.0450,
-6.3230

■ 159.3730, 14.9470,
-1.0610

■ 99.8610, 80.5580,
-6.2100

■ 166.7080, 6.6940,
-0.1700

■ 174.5160, -1.5130,
-0.1130

■ 181.7370, -9.4450,
0.4670

■ 188.9580,

-17.3770, 1.0470

■ 196.2930,
-25.6300, 1.9380

Harmonies

Analogous

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



131.6230, 52.7700, 12.8180



130.3750, 46.9960, -3.6920



127.6620, 29.5300, -17.5580

Triad

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



130.3750, 46.9960, -3.6920



102.4940, -84.6770, -34.7970



133.8740, -7.4320, 24.5680

Complementary

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



130.3750, 46.9960, -3.6920



114.6250, -46.9960, 3.6920

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.



127.3250, -45.8510, 10.4770



130.3750, 46.9960, -3.6920



105.4410, -94.3530, -24.6330

Square

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



130.3750, 46.9960, -3.6920



117.7760, -32.6850, -29.9090



105.0140, -100.0400, -15.1760



135.0320, 24.4780, 29.9660

Rectangle

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



130.3750, 46.9960, -3.6920



125.8770, 12.5670, -24.0170



105.0140, -100.0400, -15.1760



133.0080, -19.6730, 20.6390

Sweetspot

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



130.3750, 46.9960, -3.6920



207.1130, 18.6150, -1.4570



108.3550, 42.8620, 38.2060



101.6330, 11.2790, -0.6650



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



130.3750, 46.9960, -3.6920



157.9680, 72.9470, -5.9410



159.7250, 33.2460, -29.8420



83.0390, 4.2640, -0.1840



86.5270, 69.8750, -5.3330



13.3340, 10.6830, -0.8770

Inverse Universe

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



114.6250, -46.9960, 3.6920



133.6190, -73.2220, 5.4180



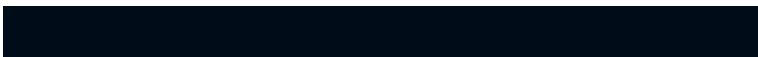
85.2750, -33.2460, 29.8420



81.9610, -4.2640, 0.1840



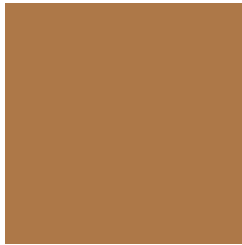
63.4730, -69.8750, 5.3330



9.6660, -10.6830, 0.8770

Previews

White Background



This preview shows how the YIQ color 130.3750, 46.9960, -3.6920 looks on a white background.

Color Contrast Check

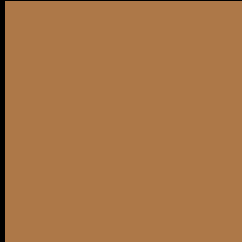
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.3750, 46.9960, -3.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

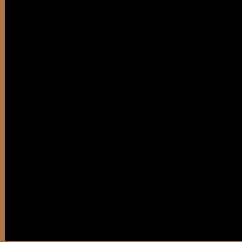
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.3750, 46.9960, -3.6920

Background



This preview shows how black text looks on a background with the YIQ color 130.3750, 46.9960, -3.6920.



This preview shows how white text looks on a background with the YIQ color 130.3750, 46.9960,

-3.6920.

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

130.3750, 46.9960, -3.6920

Protanopia

129.2040, 25.1280, -14.8720

Deuteranopia

129.6080, 38.7900, -9.1620



Tritanopia

133.8630, 34.6590, 16.1550

Trichromacy



Original Color

130.3750, 46.9960, -3.6920

Protanomaly

130.0310, 33.1050, -10.7590

Deuteranomaly

129.6300, 41.7240, -7.2680

Tritanomaly

132.5720, 39.6120, 8.9880

Monochromacy



Original Color

130.3750, 46.9960, -3.6920

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0420, 17.3770, -1.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.3750, 46.9960, -3.6920 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(173, 120, 72)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 72)  
}
```

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(173, 120, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 72) }
```

Border

The CSS property to change the border of an element to YIQ 130.3750, 46.9960, -3.6920 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(173, 120, 72) }
```


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

```
.border{ border-color:rgb(173, 120, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 72);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 130.3750, 46.9960, -3.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 72) }
```

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

```
.background{ background-color: rgb(173,  
120, 72) }
```

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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