

Converting Colors

YIQ(131.6930, 37.4130, -0.7230)

Have a look what the booklet for
YIQ(131.6930, 37.4130, -0.7230)
contains.

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Color

**YIQ(131.6930, 37.4130,
-0.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	A77A59
RGB	167, 122, 89
RGB Percent	65%, 48%, 35%
CMY	0.3450, 0.5216, 0.6508
CMYK	0.00, 0.27, 0.47, 0.35
HSL	25°, 31%, 50%
HSV	25°, 47%, 65%
XYZ	24.7032, 22.8543, 12.5703
YIQ	131.6930, 37.4130, -0.7230

Conversions

Conversions Part 2

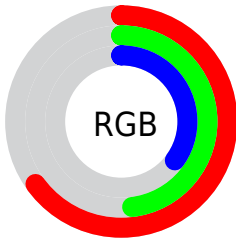
Format	Color
RYB	167, 146, 89
Decimal	10975833
CIELab	54.92, 13.39, 24.89
CIELCh	55, 28.266, 61.728
Yxy	22.8543, 0.4108, 0.3801
Android (android.graphics.Color)	4289165913 (0xFFA77A59)
YUV	131.6930, -21.0476, 30.9642
Hunter-Lab	47.8062, 8.5768, 17.8745

Details

The YIQ color **131.6930, 37.4130, -0.7230** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **124.3070, -37.4130, 0.7230**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.9600, 41.0350, -0.2850**, and **81.5400, 33.4700, -0.8500** is the 20% darker color. If you saturate the color by 10%, you get **123.8850, 45.6200, -0.7800**, and if you desaturate by 10%, it is **139.5010, 29.2060, -0.6660**.

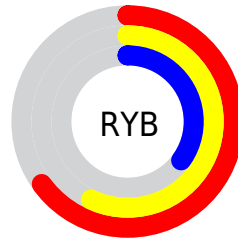
Distribution



Red (65%)

Green (48%)

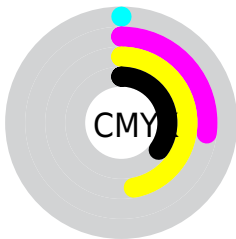
Blue (35%)



Red (65%)

Yellow (57%)

Blue (35%)

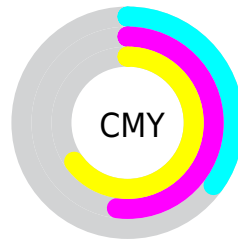


Cyan (0%)

Magenta (27%)

Yellow (47%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.6930, 37.4130, -0.7230 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 131.6930, 37.4130, -0.7230 by changing the saturation by 10% instead.

 131.6930, 37.4130,
-0.7230


 131.6930, 37.4130,
-0.7230


255.0000, -0.0000,
-0.0000


 106.2090, 35.9000,
-0.8360


 184.9600, 41.0350,
-0.2850


 81.5400, 33.4700,
-0.8500


 213.1450, 41.9520,
-0.3840


 58.3440, 31.0860,
-1.6980

 233.2570, 26.7770,
-6.2070

 35.5610, 28.9770,
-2.0230

 251.1240, 10.9140,
-10.5740

 15.4710, 20.7230,
4.3950

 254.4300, 1.6050,
-1.5550

 0.0000, 0.0000,
0.0000

■ 131.6930, 37.4130,
-0.7230

■ 131.6930, 37.4130,
-0.7230

■ 123.8850, 45.6200,
-0.7800

■ 139.5010, 29.2060,
-0.6660

■ 116.7780, 53.2310,
-1.0490

■ 146.6080, 21.5950,
-0.3970

■ 108.9700, 61.4380,
-1.1060

■ 154.4160, 13.3880,
-0.3400

■ 101.1620, 69.6450,
-1.1630

■ 162.2240, 5.1810,
-0.2830

■ 94.0550, 77.2560,
-1.4320

■ 169.4450, -2.7510,
0.2970

■ 91.6100, 80.0070,
-1.7290

■ 177.1390,
-10.6370, 0.0430

■ 184.9470,
-18.8440, 0.1000

■ 192.1680,

-26.7760, 0.6800

■ 199.8620,
-34.6620, 0.4260

Harmonies

Analogous

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



133.2240, 40.7120, 11.0800



131.6930, 37.4130, -0.7230



129.6110, 25.5400, -11.3240

Triad

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



131.6930, 37.4130, -0.7230



118.7010, -45.2950, -21.6390



133.7610, -8.8520, 17.2600

Complementary

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



131.6930, 37.4130, -0.7230



124.3070, -37.4130, 0.7230

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.



128.4910, -34.7550, 7.6210



131.6930, 37.4130, -0.7230



115.1690, -64.0480, -17.6800

Square

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



131.6930, 37.4130, -0.7230



123.7610, -19.1610, -21.6970



120.5540, -57.4020, -5.9620



135.3850, 15.8140, 21.7820

Rectangle

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



131.6930, 37.4130, -0.7230



127.8050, 13.0700, -16.6100



120.5540, -57.4020, -5.9620



132.6890, -17.5170, 14.6030

Sweetspot

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



131.6930, 37.4130, -0.7230



202.9000, 14.9010, -0.2270



117.5660, 31.7220, 30.8420



101.3770, 9.1240, -0.1560



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



131.6930, 37.4130, -0.7230



162.0020, 58.4120, -1.3320



154.5860, 26.6880, -21.1200



80.1530, 3.9430, 0.1270



80.6460, 71.1580, -1.0500



11.2630, 9.4450, -0.4670

Inverse Universe

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



124.3070, -37.4130, 0.7230



149.9980, -58.4120, 1.3320



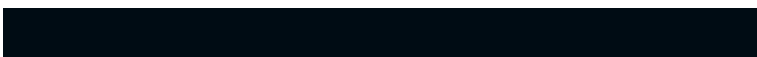
102.0010, -26.9630, 20.5970



79.8470, -3.9430, -0.1270



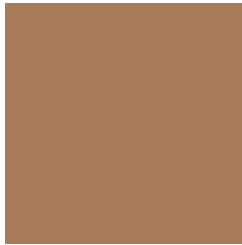
66.7670, -70.8830, 1.5730



9.3240, -9.7200, -0.0560

Previews

White Background



This preview shows how the YIQ color 131.6930, 37.4130, -0.7230 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 131.6930, 37.4130, -0.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

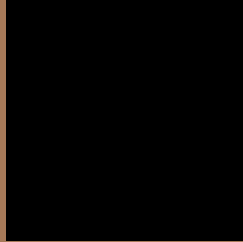
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.6930, 37.4130, -0.7230

Background



This preview shows how black text looks on a background with the YIQ color 131.6930, 37.4130, -0.7230.



This preview shows how white text looks on a background with the YIQ color 131.6930, 37.4130,

-0.7230.

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

131.6930, 37.4130, -0.7230

Protanopia

130.5440, 18.4790, -10.0090

Deuteranopia

131.2360, 31.2700, -5.0340



Tritanopia

133.8730, 28.6990, 14.0350

Trichromacy



Original Color

131.6930, 37.4130, -0.7230

Protanomaly

130.7730, 25.2640, -6.3200

Deuteranomaly

131.5460, 33.3330, -3.8750

Tritanomaly

133.2660, 31.7260, 8.7340

Monochromacy



Original Color

131.6930, 37.4130, -0.7230

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.7150, 13.9840, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.6930, 37.4130, -0.7230 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(167, 122, 89)` looks like.

```
.text, #text, p{  
    color:rgb(167, 122, 89)  
}
```

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(167, 122, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 122, 89) }
```

Border

The CSS property to change the border of an element to YIQ 131.6930, 37.4130, -0.7230 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(167, 122, 89) }
```


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

```
.border{ border-color:rgb(167, 122, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 122, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 122, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 122, 89);  
box-shadow:4px 4px 4px 4px rgb(167, 122,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 131.6930, 37.4130, -0.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 122, 89) }
```

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

```
.background{ background-color: rgb(167,  
122, 89) }
```

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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