

Converting Colors

YIQ(137.0240, 34.9830, -0.7370)

Have a look what the booklet for
YIQ(137.0240, 34.9830, -0.7370)
contains.

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Color

**YIQ(137.0240, 34.9830,
-0.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8061
RGB	170, 128, 97
RGB Percent	67%, 50%, 38%
CMY	0.3333, 0.4981, 0.6194
CMYK	0.00, 0.25, 0.43, 0.33
HSL	25°, 30%, 52%
HSV	25°, 43%, 67%
XYZ	26.4585, 24.8459, 14.7206
YIQ	137.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

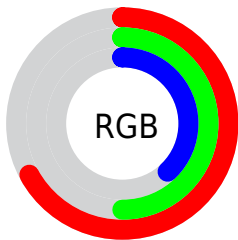
Format	Color
R_{YB}	170, 151, 97
Decimal	11173985
CIE _{Lab}	56.92, 12.14, 23.08
CIE _{LCh}	57, 26.082, 62.260
Yxy	24.8459, 0.4007, 0.3763
Android (android.graphics.Color)	4289364065 (0xFFAA8061)
YUV	137.0240, -19.7318, 28.9200
Hunter-Lab	49.8457, 7.5193, 17.3822

Details

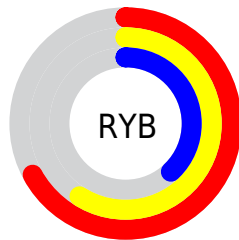
The YIQ color **137.0240, 34.9830, -0.7370** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **129.9760, -34.9830, 0.7370**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9920, 38.0090, -0.5110**, and **86.7570, 31.3610, -1.1750** is the 20% darker color. If you saturate the color by 10%, you get **129.2160, 43.1900, -0.7940**, and if you desaturate by 10%, it is **144.8320, 26.7760, -0.6800**.

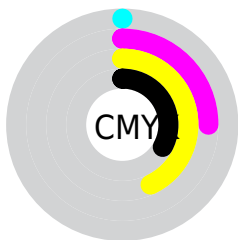
Distribution



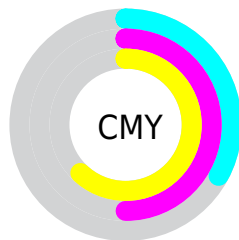
- Red (67%)
- Green (50%)
- Blue (38%)



- Red (67%)
- Yellow (59%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.0240, 34.9830, -0.7370 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 137.0240, 34.9830, -0.7370 by changing the saturation by 10% instead.

■ 137.0240, 34.9830,
-0.7370

■ 137.0240, 34.9830,
-0.7370

■ 255.0000, -0.0000,
-0.0000

■ 111.5400, 33.4700,
-0.8500

■ 190.9920, 38.0090,
-0.5110

■ 86.7570, 31.3610,
-1.1750

■ 218.2910, 38.6050,
-0.2990

■ 62.9740, 29.2520,
-1.5000

■ 238.3920, 21.9630,
-7.0690

■ 39.9630, 27.7850,
-2.4470

■ 252.1500, 8.0250,
-7.7750

■ 20.4770, 20.5860,
1.3700

■ 0.0000, 0.0000,
0.0000

■ 137.0240, 34.9830,
-0.7370

■ 137.0240, 34.9830,
-0.7370

■ 129.2160, 43.1900,
-0.7940

■ 144.8320, 26.7760,
-0.6800

■ 121.4080, 51.3970,
-0.8510

■ 152.6400, 18.5690,
-0.6230

■ 114.1870, 59.3290,
-1.4310

■ 159.8610, 10.6370,
-0.0430

■ 106.3790, 67.5360,
-1.4880

■ 167.6690, 2.4300,
0.0140

■ 98.5710, 75.7430,
-1.5450

■ 175.4770, -5.7770,
0.0710

■ 93.0940, 81.5200,
-1.6160

■ 183.2850,
-13.9840, 0.1280

■ 191.0930,
-22.1910, 0.1850

■ 198.3140,

-30.1230, 0.7650

■ 206.1220,
-38.3300, 0.8220

Harmonies

Analogous

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



138.6150, 38.0530, 9.7090



137.0240, 34.9830, -0.7370



135.3550, 23.3850, -10.8150

Triad

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



137.0240, 34.9830, -0.7370



125.6200, -40.5730, -19.1090



138.7180, -7.2930, 16.5390

Complementary

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



137.0240, 34.9830, -0.7370



129.9760, -34.9830, 0.7370

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.



134.3450, -31.4080, 7.5360



137.0240, 34.9830, -0.7370



123.6540, -55.1080, -14.5000

Square

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



137.0240, 34.9830, -0.7370



129.2990, -17.7400, -19.9160



128.2020, -50.4790, -4.7750



140.1460, 14.9890, 20.2130

Rectangle

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



137.0240, 34.9830, -0.7370



133.2610, 11.7860, -15.3660



128.2020, -50.4790, -4.7750



137.9450, -15.3620, 14.0940

Sweetspot

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



137.0240, 34.9830, -0.7370



208.7150, 13.9840, -0.1280



123.7290, 29.7050, 28.8490



104.0780, 8.5280, -0.3680



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.



137.0240, 34.9830, -0.7370



169.4470, 55.6610, -1.0350



158.1560, 25.0830, -19.5650



80.1530, 3.9430, 0.1270



81.2330, 70.8830, -1.5730



11.2630, 9.4450, -0.4670

Inverse Universe

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



129.9760, -34.9830, 0.7370



158.5530, -55.6610, 1.0350



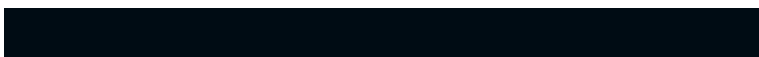
108.8440, -25.0830, 19.5650



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 137.0240, 34.9830, -0.7370 looks on a white background.

Color Contrast Check

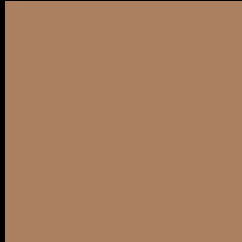
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0240, 34.9830, -0.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

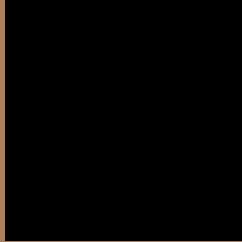
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.0240, 34.9830, -0.7370

Background



This preview shows how black text looks on a background with the YIQ color 137.0240, 34.9830, -0.7370.



This preview shows how white text looks on a background with the YIQ color 137.0240, 34.9830, -0.7370.

-0.7370.

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

137.0240, 34.9830, -0.7370

Protanopia

135.8860, 17.5160, -9.0760

Deuteranopia

136.5780, 30.3070, -4.1010



Tritanopia

139.0900, 26.5900, 13.7100

Trichromacy



Original Color

137.0240, 34.9830, -0.7370

Protanomaly

136.4030, 23.4300, -6.1220

Deuteranomaly

136.8880, 32.3700, -2.9420

Tritanomaly

138.4830, 29.6170, 8.4090

Monochromacy



Original Color

137.0240, 34.9830, -0.7370

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1170, 12.7920, -0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0240, 34.9830, -0.7370 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(170, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(170, 128, 97)  
}
```

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(170, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 97) }
```

Border

The CSS property to change the border of an element to YIQ 137.0240, 34.9830, -0.7370 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(170, 128, 97) }
```


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

```
.border{ border-color:rgb(170, 128, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 128, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0240, 34.9830, -0.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 97) }
```

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

```
.background{ background-color: rgb(170,  
128, 97) }
```

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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