

Converting Colors

YIQ(134.4940, 64.3330,
-37.0670)

Have a look what the booklet for
YIQ(134.4940, 64.3330, -37.0670)
contains.

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Color

**YIQ(134.4940, 64.3330,
-37.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8D00
RGB	173, 141, 0
RGB Percent	68%, 55%, 0%
CMY	0.3216, 0.4471, 0.9996
CMYK	0.00, 0.19, 1.00, 0.32
HSL	49°, 100%, 34%
HSV	49°, 100%, 68%
XYZ	26.7563, 27.9298, 3.9834
YIQ	134.4940, 64.3330, -37.0670

Conversions

Conversions Part 2

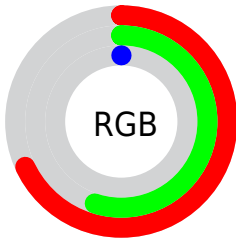
Format	Color
RYB	39, 173, 0
Decimal	11373824
CIELab	59.83, 0.86, 64.34
CIELCh	60, 64.345, 89.235
Yxy	27.9298, 0.4561, 0.4761
Android (android.graphics.Color)	4289563904 (0xFFAD8D00)
YUV	134.4940, -66.3055, 33.7698
Hunter-Lab	52.8486, -2.1139, 32.5251

Details

The YIQ color **134.4940, 64.3330, -37.0670** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **38.5060, -64.3330, 37.0670**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6390, 62.7270, -29.9850**, and **88.1010, 44.1110, -23.0010** is the 20% darker color. If you saturate the color by 10%, you get **134.4940, 64.3330, -37.0670**, and if you desaturate by 10%, it is **138.1930, 58.0510, -33.3490**.

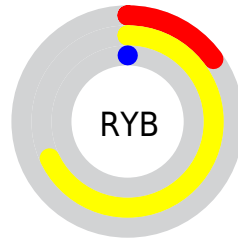
Distribution



Red (68%)

Green (55%)

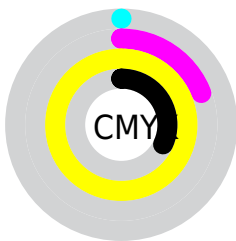
Blue (0%)



Red (15%)

Yellow (68%)

Blue (0%)

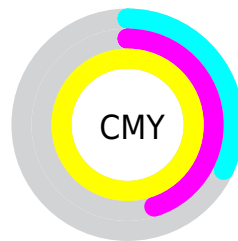


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.4940, 64.3330, -37.0670 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 134.4940, 64.3330, -37.0670 by changing the saturation by 10% instead.

■ 134.4940, 64.3330,
-37.0670

■ 134.4940, 64.3330,
-37.0670

■ 255.0000, -0.0000,
-0.0000

■ 111.1480, 53.9240,
-30.1400

■ 191.6390, 62.7270,
-29.9850

■ 88.1010, 44.1110,
-23.0010

■ 217.7310, 59.4720,
-31.5680

■ 66.2280, 33.7480,
-16.9080

■ 237.2450, 43.1050,
-37.8150

■ 45.2410, 23.7060,
-11.1260

■ 243.3720, 32.7420,
-31.7220

■ 26.0260, 14.3060,
-5.9660

■ 246.5640, 23.7540,
-23.0140

■ 0.0000, 0.0000,
0.0000

■ 249.8700, 14.4450,

-13.9950

■ 253.1760, 5.1360,
-4.9760

■ 134.4940, 64.3330,
-37.0670

■ 138.1930, 58.0510,
-33.3490

■ 142.0060, 51.4480,
-29.3200

■ 146.2920, 44.8910,
-26.1250

■ 149.9910, 38.6090,
-22.4070

■ 153.8040, 32.0060,
-18.3780

■ 157.5030, 25.7240,
-14.6600

■ 161.2020, 19.4420,
-10.9420

■ 165.6020, 12.5640,
-7.4360

■ 169.3010, 6.2820,
-3.7180

Harmonies

Analogous

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



139.3390, 82.2080, -3.0720



134.4940, 64.3330, -37.0670



130.6760, 16.6060, -47.6660

Triad

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



134.4940, 64.3330, -37.0670



122.3620, -110.3080, -27.3320



147.2790, 31.9930, 53.4730

Complementary

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



134.4940, 64.3330, -37.0670



38.5060, -64.3330, 37.0670

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.



145.9860, -30.6340, 37.5740



134.4940, 64.3330, -37.0670



123.7420, -122.4610, -10.8210

Square

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



134.4940, 64.3330, -37.0670



115.8640, -92.0110, -45.0590



117.7070, -123.3800, 0.3320



140.2990, 72.7990, 51.8310

Rectangle

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



134.4940, 64.3330, -37.0670



123.1130, -27.2250, -51.7770



117.7070, -123.3800, 0.3320



148.1180, 13.3330, 50.2370

Sweetspot

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



134.4940, 64.3330, -37.0670



209.3180, 24.8070, -14.5610



55.7170, 91.8730, 47.5610



103.3310, 14.7650, -8.7790



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.



134.4940, 64.3330, -37.0670



174.3970, 83.1790, -48.2210



137.7300, 24.5410, -64.8270



84.8000, 3.4390, -1.7530



117.0510, 55.5750, -32.5290



18.0300, 8.4830, -5.0610

Inverse Universe

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



38.5060, -64.3330, 37.0670



50.1900, -83.4540, 47.6980



35.2700, -24.5410, 64.8270



80.2000, -3.4390, 1.7530



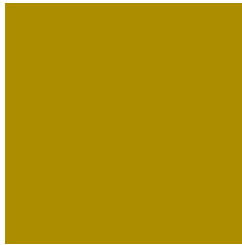
33.5360, -55.8500, 32.0060



4.9700, -8.4830, 5.0610

Previews

White Background



This preview shows how the YIQ color 134.4940, 64.3330, -37.0670 looks on a white background.

Color Contrast Check

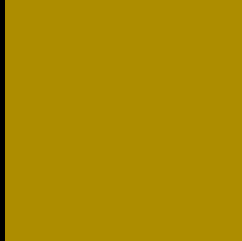
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.4940, 64.3330, -37.0670 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 134.4940, 64.3330, -37.0670

Background



This preview shows how black text looks on a background with the YIQ color 134.4940, 64.3330, -37.0670.



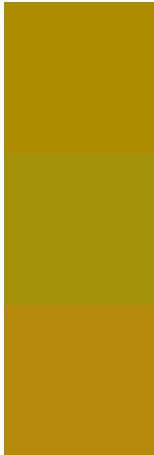
This preview shows how white text looks on a background with the YIQ color 134.4940, 64.3330, -37.0670.

-37.0670.

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

134.4940, 64.3330, -37.0670

Protanopia

134.6500, 55.0260, -39.1020

Deuteranopia

136.6180, 67.2200, -28.8120



Tritanopia

146.7910, 25.9940, 13.4980

Trichromacy



Original Color

134.4940, 64.3330, -37.0670

Protanomaly

134.9170, 58.6480, -38.6640

Deuteranomaly

135.4390, 66.1660, -31.7380

Tritanomaly

142.4280, 39.4770, -5.0910

Monochromacy



Original Color

134.4940, 64.3330, -37.0670

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.3610, 23.2480, -13.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.4940, 64.3330, -37.0670 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, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 0)  
}
```

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, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 0) }
```

Border

The CSS property to change the border of an element to YIQ 134.4940, 64.3330, -37.0670 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, 141, 0) }
```


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

```
.border{ border-color:rgb(173, 141, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 141, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 141,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 134.4940, 64.3330, -37.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 0) }
```

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

```
.background{ background-color: rgb(173,  
141, 0) }
```

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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