

Converting Colors

YIQ(136.9370, 57.0370, -3.9470)

Have a look what the booklet for
YIQ(136.9370, 57.0370, -3.9470)
contains.

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Color

**YIQ(136.9370, 57.0370,
-3.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7C43
RGB	189, 124, 67
RGB Percent	74%, 49%, 26%
CMY	0.2587, 0.5138, 0.7370
CMYK	0.00, 0.34, 0.65, 0.26
HSL	28°, 48%, 50%
HSV	28°, 65%, 74%
XYZ	29.2132, 25.6372, 8.7298
YIQ	136.9370, 57.0370, -3.9470

Conversions

Conversions Part 2

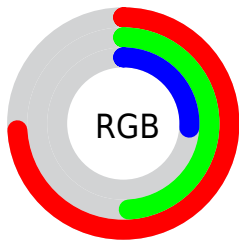
Format	Color
R _{YB}	189, 174, 67
Decimal	12418115
CIE Lab	57.69, 19.80, 40.81
CIE LCh	58, 45.361, 64.125
Yxy	25.6372, 0.4595, 0.4032
Android (android.graphics.Color)	4290608195 (0xFFBD7C43)
YUV	136.9370, -34.4789, 45.6593
Hunter-Lab	50.6332, 14.3789, 25.2209

Details

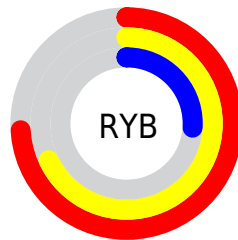
The YIQ color **136.9370, 57.0370, -3.9470** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **119.0630, -57.0370, 3.9470**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6880, 62.1720, -3.3960**, and **85.3600, 51.3520, -5.5440** is the 20% darker color. If you saturate the color by 10%, you get **128.9010, 65.8860, -4.6260**, and if you desaturate by 10%, it is **144.9730, 48.1880, -3.2680**.

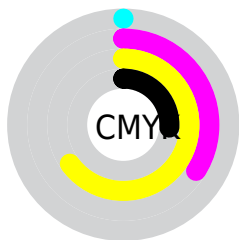
Distribution



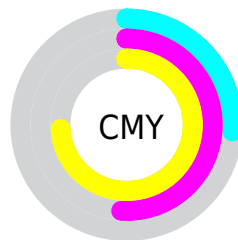
- Red (74%)
- Green (49%)
- Blue (26%)



- Red (74%)
- Yellow (68%)
- Blue (26%)



- Cyan (0%)
- Magenta (34%)
- Yellow (65%)
- Black (26%)





- Cyan (26%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.9370, 57.0370, -3.9470 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 136.9370, 57.0370, -3.9470 by changing the saturation by 10% instead.


 136.9370, 57.0370,
-3.9470


 136.9370, 57.0370,
-3.9470


255.0000, -0.0000,
-0.0000


 110.8550, 54.3320,
-4.4840


 191.6880, 62.1720,
-3.3960


 85.6590, 51.9480,
-5.3320


 212.2950, 49.9770,
-8.1590


 61.6200, 47.6840,
-5.1480


 231.8090, 33.6100,
-14.4060

 40.3340, 37.0460,
0.4220

 248.5020, 18.2970,
-17.7270

 20.2330, 27.3250,
5.8930

 251.6940, 9.3090,
-9.0190

 6.5780, 13.1120,
4.6640

 0.0000, 0.0000,

0.0000

■ 136.9370, 57.0370,
-3.9470

■ 136.9370, 57.0370,
-3.9470

■ 128.9010, 65.8860,
-4.6260

■ 144.9730, 48.1880,
-3.2680

■ 120.8650, 74.7350,
-5.3050

■ 153.0090, 39.3390,
-2.5890

■ 112.8290, 83.5840,
-5.9840

■ 161.0450, 30.4900,
-1.9100

■ 108.1670, 88.4440,
-5.9560

■ 169.0810, 21.6410,
-1.2310

■ 177.1170, 12.7920,
-0.5520

■ 185.0390, 4.2640,
-0.1840

■ 193.6620, -4.8600,
-0.0280

■ 201.6980,
-13.7090, 0.6510

■ 209.7340,
-22.5580, 1.3300

Harmonies

Analogous

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



138.0050, 63.4980, 16.6340



136.9370, 57.0370, -3.9470



134.0340, 37.0500, -21.6860

Triad

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



136.9370, 57.0370, -3.9470



109.6350, -89.6280, -38.6840



141.4700, -11.9260, 28.9220

Complementary

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



136.9370, 57.0370, -3.9470



119.0630, -57.0370, 3.9470

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.



130.3430, -63.4570, 10.1670



136.9370, 57.0370, -3.9470



112.9070, -101.5970, -25.5090

Square

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



136.9370, 57.0370, -3.9470



121.1400, -39.8820, -37.1460



113.0500, -108.8890, -14.4970



142.4010, 28.0530, 36.7650

Rectangle

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



136.9370, 57.0370, -3.9470



131.7540, 17.1070, -29.2050



113.0500, -108.8890, -14.4970



139.2230, -27.4680, 24.2440

Sweetspot

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



136.9370, 57.0370, -3.9470



224.9670, 21.9620, -1.5420



111.1160, 51.2050, 46.7010



110.0030, 13.1130, -0.8630



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



136.9370, 57.0370, -3.9470



164.1670, 88.4440, -5.9560



171.5700, 40.8120, -34.8040



90.0390, 4.2640, -0.1840



90.6800, 73.8180, -5.2060



17.4870, 14.6260, -0.7500

Inverse Universe

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



119.0630, -57.0370, 3.9470



136.8330, -88.4440, 5.9560



84.4300, -40.8120, 34.8040



88.9610, -4.2640, 0.1840



67.3200, -73.8180, 5.2060



12.9260, -14.3510, 1.2730

Previews

White Background



This preview shows how the YIQ color 136.9370, 57.0370, -3.9470 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 136.9370, 57.0370, -3.9470 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 136.9370, 57.0370, -3.9470

Background



This preview shows how black text looks on a background with the YIQ color 136.9370, 57.0370, -3.9470.



This preview shows how white text looks on a background with the YIQ color 136.9370, 57.0370, -3.9470.

-3.9470.

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

136.9370, 57.0370, -3.9470

Protanopia

135.5480, 29.8510, -17.8690

Deuteranopia

136.3220, 45.3470, -12.3570



Tritanopia

140.7500, 42.4070, 18.9110

Trichromacy



Original Color

136.9370, 57.0370, -3.9470

Protanomaly

136.2720, 39.6160, -13.1200

Deuteranomaly

136.4690, 49.4270, -9.2050

Tritanomaly

139.8180, 47.7270, 10.5990

Monochromacy



Original Color

136.9370, 57.0370, -3.9470

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8960, 20.7240, -1.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.9370, 57.0370, -3.9470 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(189, 124, 67)` looks like.

```
.text, #text, p{  
    color:rgb(189, 124, 67)  
}
```

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(189, 124, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 124, 67) }
```

Border

The CSS property to change the border of an element to YIQ 136.9370, 57.0370, -3.9470 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(189, 124, 67) }
```


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

```
.border{ border-color:rgb(189, 124, 67) }
```

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

Here you see how a box with a 4 pixel rgb(189, 124, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 124, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 124, 67);  
box-shadow:4px 4px 4px 4px rgb(189, 124,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 136.9370, 57.0370, -3.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 124, 67) }
```

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

```
.background{ background-color: rgb(189,  
124, 67) }
```

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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