

Converting Colors

YIQ(135.6810, 37.6870, 5.3270)

Have a look what the booklet for
YIQ(135.6810, 37.6870, 5.3270)
contains.

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Color

**YIQ(135.6810, 37.6870,
5.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7A67
RGB	175, 122, 103
RGB Percent	69%, 48%, 40%
CMY	0.3136, 0.5216, 0.5959
CMYK	0.00, 0.30, 0.41, 0.31
HSL	16°, 31%, 55%
HSV	16°, 41%, 69%
XYZ	27.0928, 24.0110, 16.0496
YIQ	135.6810, 37.6870, 5.3270

Conversions

Conversions Part 2

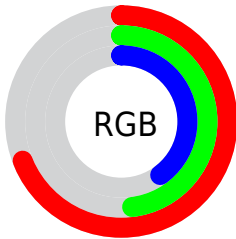
Format	Color
R_{YB}	175, 129, 103
Decimal	11500135
CIE _{Lab}	56.10, 18.29, 18.66
CIE _{LCh}	56, 26.128, 45.574
Yxy	24.0110, 0.4034, 0.3576
Android (android.graphics.Color)	4289690215 (0xFFAF7A67)
YUV	135.6810, -16.1117, 34.4828
Hunter-Lab	49.0011, 12.9413, 14.8811

Details

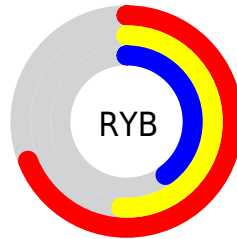
The YIQ color **135.6810, 37.6870, 5.3270** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.3190, -37.6870, -5.3270**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6490, 40.7130, 5.5530**, and **85.1150, 33.4690, 4.6770** is the 20% darker color. If you saturate the color by 10%, you get **126.1120, 46.7190, 6.8390**, and if you desaturate by 10%, it is **145.3640, 28.3340, 4.1260**.

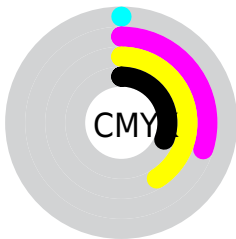
Distribution



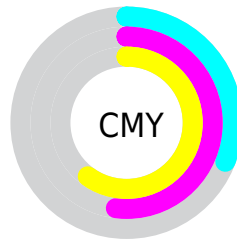
- Red (69%)
- Green (48%)
- Blue (40%)



- Red (69%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (41%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.6810, 37.6870, 5.3270 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 135.6810, 37.6870, 5.3270 by changing the saturation by 10% instead.


 135.6810, 37.6870,
5.3270


 135.6810, 37.6870,
5.3270


255.0000, -0.0000,
-0.0000


 109.8980, 35.5780,
5.0020


 189.6490, 40.7130,
5.5530


 85.1150, 33.4690,
4.6770


 215.4530, 38.3290,
4.7050


 61.3320, 31.3600,
4.3520

 235.0810, 21.6410,
-1.2310

 38.5490, 29.2510,
4.0270

 252.9480, 5.7780,
-5.5980

 16.6780, 24.5740,
6.1900

 1.1960, 2.3840,
0.8480

 0.0000, 0.0000,

0.0000

■ 135.6810, 37.6870,
5.3270

■ 135.6810, 37.6870,
5.3270

■ 126.1120, 46.7190,
6.8390

■ 145.3640, 28.3340,
4.1260

■ 116.4290, 56.0720,
8.0400

■ 154.9330, 19.3020,
2.6140

■ 106.8600, 65.1040,
9.5520

■ 164.6160, 9.9490,
1.4130

■ 97.1770, 74.4570,
10.7530

■ 174.1850, 0.9170,
-0.0990

■ 87.6080, 83.4890,
12.2650

■ 183.2810, -8.1610,
-0.7770

■ 79.3270, 91.6500,
13.0420

■ 192.8500,
-17.1930, -2.2890

■ 202.5330,
-26.5460, -3.4900

■ 212.1020,
-35.5780, -5.0020

■ 221.1010,
-43.0050, -8.0690

Harmonies

Analogous

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



137.1080, 35.3470, 14.6990



135.6810, 37.6870, 5.3270



133.9370, 30.6740, -5.2460

Triad

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



135.6810, 37.6870, 5.3270



125.3240, -28.0560, -20.1840



134.8410, -21.0010, 11.6630

Complementary

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



135.6810, 37.6870, 5.3270



142.3190, -37.6870, -5.3270

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.



128.7840, -43.1900, 0.7940



135.6810, 37.6870, 5.3270



122.0690, -49.1470, -17.9070

Square

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



135.6810, 37.6870, 5.3270



129.3560, -4.7190, -19.1110



122.8760, -55.6130, -10.8530



137.7470, 2.9310, 18.4750

Rectangle

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



135.6810, 37.6870, 5.3270



132.4580, 21.5970, -11.4510



122.8760, -55.6130, -10.8530



132.8400, -28.4280, 8.5960

Sweetspot

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



135.6810, 37.6870, 5.3270



212.1820, 14.1670, 2.0630



130.6840, 25.5780, 32.0580



106.1320, 8.4360, 1.3000



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



135.6810, 37.6870, 5.3270



166.2120, 58.1810, 8.3650



156.2260, 28.0620, -12.9780



81.8650, 4.8140, 0.8620



68.3300, 78.4000, 10.8800



10.3990, 12.0580, 1.7380

Inverse Universe

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



142.3190, -37.6870, -5.3270



176.7880, -58.1810, -8.3650



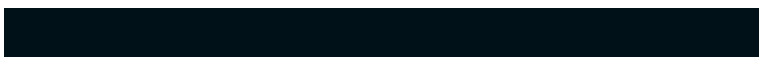
121.7740, -28.0620, 12.9780



82.5480, -4.5390, -0.3390



82.2570, -78.6750, -11.4030



12.6010, -12.0580, -1.7380

Previews

White Background



This preview shows how the YIQ color 135.6810, 37.6870, 5.3270 looks on a white background.

Color Contrast Check

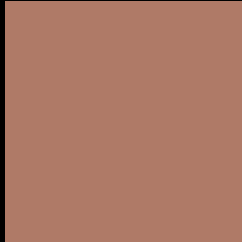
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6810, 37.6870, 5.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

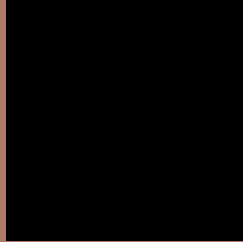
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.6810, 37.6870, 5.3270

Background



This preview shows how black text looks on a background with the YIQ color 135.6810, 37.6870, 5.3270.



This preview shows how white text looks on a background with the YIQ color 135.6810, 37.6870,

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

135.6810, 37.6870, 5.3270

Protanopia

134.4280, 13.1140, -6.3900

Deuteranopia

134.8920, 26.5470, -2.0370



Tritanopia

137.2540, 32.0000, 14.7840

Trichromacy



Original Color

135.6810, 37.6870, 5.3270

Protanomaly

134.8530, 22.2830, -1.8530

Deuteranomaly

134.9250, 30.9480, 0.8040

Tritanomaly

136.5160, 34.0180, 11.2500

Monochromacy



Original Color

135.6810, 37.6870, 5.3270

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8830, 13.5710, 1.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6810, 37.6870, 5.3270 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(175, 122, 103)` looks like.

```
.text, #text, p{  
    color:rgb(175, 122, 103)  
}
```

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(175, 122, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 122, 103) }
```

Border

The CSS property to change the border of an element to YIQ 135.6810, 37.6870, 5.3270 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(175, 122, 103) }
```


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

```
.border{ border-color:rgb(175, 122, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 122, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 122, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 122, 103);  
box-shadow:4px 4px 4px 4px rgb(175, 122,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6810, 37.6870, 5.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 122, 103) }
```

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

```
.background{ background-color: rgb(175,  
122, 103) }
```

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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