

# Converting Colors

YIQ(135.9150, 36.9080, 2.9240)

Have a look what the booklet for  
YIQ(135.9150, 36.9080, 2.9240)  
contains.

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# Color

**YIQ(135.9150, 36.9080,  
2.9240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD7C64
RGB	173, 124, 100
RGB Percent	68%, 49%, 39%
CMY	0.3215, 0.5138, 0.6077
CMYK	0.00, 0.28, 0.42, 0.32
HSL	20°, 31%, 54%
HSV	20°, 42%, 68%
XYZ	26.7467, 24.2182, 15.3322
YIQ	135.9150, 36.9080, 2.9240

# Conversions

## Conversions Part 2

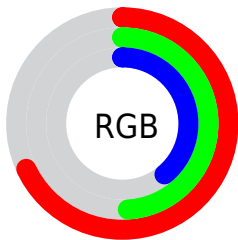
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	173, 136, 100
Decimal	11369572
CIE Lab	56.31, 15.99, 20.61
CIE LCh	56, 26.089, 52.199
Yxy	24.2182, 0.4034, 0.3653
Android (android.graphics.Color)	4289559652 (0xFFAD7C64)
YUV	135.9150, -17.7061, 32.5235
Hunter-Lab	49.2120, 10.8935, 15.9764

# Details

The YIQ color **135.9150, 36.9080, 2.9240** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.0850, -36.9080, -2.9240**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8830, 39.9340, 3.1500**, and **85.6480, 33.2860, 2.4860** is the 20% darker color. If you saturate the color by 10%, you get **126.9330, 45.6650, 3.9130**, and if you desaturate by 10%, it is **144.8970, 28.1510, 1.9350**.

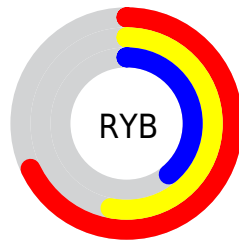
# Distribution



Red (68%)

Green (49%)

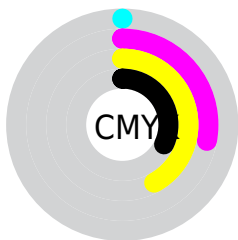
Blue (39%)



Red (68%)

Yellow (53%)

Blue (39%)

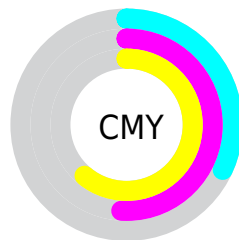


Cyan (0%)

Magenta (28%)

Yellow (42%)

Black (32%)



Cyan (32%)

Magenta (51%)


Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.9150, 36.9080, 2.9240 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 135.9150, 36.9080, 2.9240 by changing the saturation by 10% instead.





 135.9150, 36.9080,  
2.9240


 135.9150, 36.9080,  
2.9240


255.0000, -0.0000,  
-0.0000

 110.1320, 34.7990,  
2.5990


 189.8830, 39.9340,  
3.1500


 85.6480, 33.2860,  
2.4860


 216.2850, 38.7420,  
2.7260

 61.5660, 30.5810,  
1.9490

 235.7990, 22.3750,  
-3.5210

 38.6690, 28.7930,  
1.3130

 252.6060, 6.7410,  
-6.5310

 18.1400, 23.1530,  
4.4090

 0.0000, 0.0000,  
0.0000

■ 135.9150, 36.9080,  
2.9240

■ 135.9150, 36.9080,  
2.9240

■ 126.9330, 45.6650,  
3.9130

■ 144.8970, 28.1510,  
1.9350

■ 118.4240, 54.4680,  
4.0680

■ 153.4060, 19.3480,  
1.7800

■ 109.4420, 63.2250,  
5.0570

■ 162.3880, 10.5910,  
0.7910

■ 100.4600, 71.9820,  
6.0460

■ 170.7830, 2.1090,  
0.3250

■ 92.0650, 80.4640,  
6.5120

■ 179.8790, -6.9690,  
-0.3530

■ 85.1860, 87.4330,  
6.8650

■ 188.8610,  
-15.7260, -1.3420

■ 197.2560,  
-24.2080, -1.8080

■ 206.2380,

-32.9650, -2.7970

■ 215.2200,  
-41.7220, -3.7860

# Harmonies

## Analogous

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



137.2390, 36.3560, 12.9320



135.9150, 36.9080, 2.9240



134.3880, 27.7860, -7.9740

# Triad

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



135.9150, 36.9080, 2.9240



125.1000, -33.2370, -19.9010



135.9450, -15.3620, 14.0940

# Complementary

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



135.9150, 36.9080, 2.9240



137.0850, -36.9080, -2.9240

# 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.



130.7030, -38.4680, 3.3240



135.9150, 36.9080, 2.9240



122.0410, -51.9440, -16.7760

# Square

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



135.9150, 36.9080, 2.9240



128.7190, -10.1750, -19.3510



124.5280, -54.5130, -8.7610



138.0250, 8.0200, 19.8600



# Rectangle

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



135.9150, 36.9080, 2.9240



133.1370, 18.0670, -13.5570



124.5280, -54.5130, -8.7610



134.6450, -23.3850, 10.8150

# Sweetspot

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



135.9150, 36.9080, 2.9240



209.5410, 14.5340, 0.9180



127.5270, 27.4580, 31.0260



102.9040, 9.0780, 0.6780



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.



135.9150, 36.9080, 2.9240



165.8050, 57.7690, 4.8170



157.0470, 27.0080, -15.9040



82.4520, 4.5390, 0.3390



73.6130, 75.9250, 6.1730



11.5730, 11.5080, 0.6920



# Inverse Universe

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



137.0850, -36.9080, -2.9240



168.1950, -57.7690, -4.8170



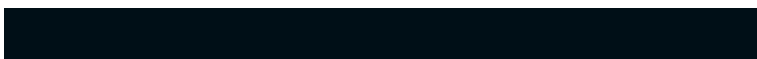
115.9530, -27.0080, 15.9040



82.5480, -4.5390, -0.3390



76.3870, -75.9250, -6.1730



11.4270, -11.5080, -0.6920



# Previews

## White Background



This preview shows how the YIQ color 135.9150, 36.9080, 2.9240 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 135.9150, 36.9080, 2.9240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

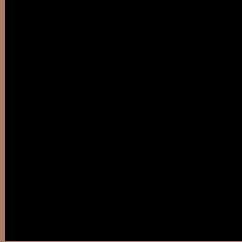
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 135.9150, 36.9080, 2.9240

## Background



This preview shows how black text looks on a background with the YIQ color 135.9150, 36.9080, 2.9240.



This preview shows how white text looks on a background with the YIQ color 135.9150, 36.9080,

2.9240.

# 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

135.9150, 36.9080, 2.9240

### Protanopia

134.2710, 14.9940, -7.4220

### Deuteranopia

135.4360, 27.8310, -3.2810



## Tritanopia

137.7700, 30.4870, 14.6710

# Trichromacy



## Original Color

135.9150, 36.9080, 2.9240

## Protanomaly

134.9840, 23.2920, -3.6200

## Deuteranomaly

135.7570, 31.3610, -1.1750

## Tritanomaly

136.8040, 33.1470, 10.5150

# Monochromacy



## Original Color

135.9150, 36.9080, 2.9240

## Achromatopsia

136.0000, -0.0000, 0.0000

## Achromatomaly

136.0570, 13.0210, 0.8050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.9150, 36.9080, 2.9240 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, 124, 100)` looks like.

```
.text, #text, p{  
    color:rgb(173, 124, 100)  
}
```

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, 124, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 124, 100) }
```

## Border

The CSS property to change the border of an element to YIQ 135.9150, 36.9080, 2.9240 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, 124, 100) }
```



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

```
.border{ border-color:rgb(173, 124, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 124, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 124, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 124, 100);  
box-shadow:4px 4px 4px 4px rgb(173, 124,  
100) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.9150, 36.9080, 2.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 124, 100) }
```

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

```
.background{ background-color: rgb(173,  
124, 100) }
```

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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