

# Converting Colors

YIQ(135.7110, 28.9750, 9.0310)

Have a look what the booklet for  
YIQ(135.7110, 28.9750, 9.0310)  
contains.

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# Color

**YIQ(135.7110, 28.9750,  
9.0310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">A97A77</a>
RGB	<a href="#">169, 122, 119</a>
RGB Percent	<a href="#">66%, 48%, 47%</a>
CMY	<a href="#">0.3371, 0.5216, 0.5332</a>
CMYK	<a href="#">0.00, 0.28, 0.30, 0.34</a>
HSL	<a href="#">4°, 23%, 56%</a>
HSV	<a href="#">4°, 30%, 66%</a>
XYZ	<a href="#">26.6569, 23.6850, 20.6289</a>
YIQ	<a href="#">135.7110, 28.9750, 9.0310</a>

# Conversions

## Conversions Part 2

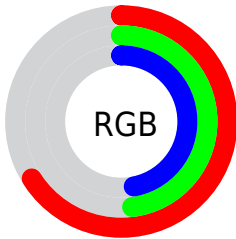
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 122, 119
Decimal	11106935
CIE <sub>Lab</sub>	55.77, 17.93, 8.87
CIE <sub>LCh</sub>	56, 20.004, 26.335
Yxy	23.6850, 0.3756, 0.3337
Android (android.graphics.Color)	4289297015 (0xFFA97A77)
YUV	135.7110, -8.2385, 29.1945
Hunter-Lab	48.6672, 12.6037, 8.9354

# Details

The YIQ color **135.7110, 28.9750, 9.0310** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **152.2890, -28.9750, -9.0310**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4940, 31.0840, 9.3560**, and **85.6290, 26.2700, 8.4940** is the 20% darker color. If you saturate the color by 10%, you get **124.3810, 38.8320, 12.1120**, and if you desaturate by 10%, it is **147.0410, 19.1180, 5.9500**.

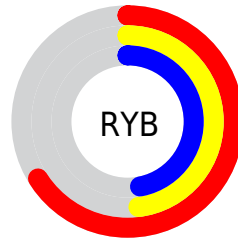
# Distribution



Red (66%)

Green (48%)

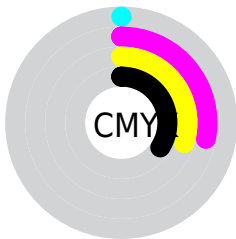
Blue (47%)



Red (66%)

Yellow (48%)

Blue (47%)

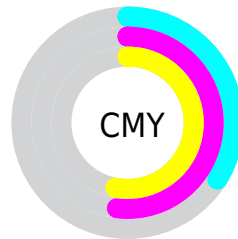


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (34%)



Cyan (34%)

Magenta (52%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7110, 28.9750, 9.0310 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 135.7110, 28.9750, 9.0310 by changing the saturation by 10% instead.





 135.7110, 28.9750,  
9.0310


 135.7110, 28.9750,  
9.0310


255.0000, -0.0000,  
-0.0000


 110.1130, 27.7830,  
8.6070


 189.4940, 31.0840,  
9.3560


 85.6290, 26.2700,  
8.4940


 217.0920, 32.2760,  
9.7800

 61.7320, 24.4820,  
7.8580

 237.0190, 16.1840,  
4.0560

 39.0630, 22.0520,  
7.8440

 16.3790, 23.9780,  
5.9780

 0.0000, 0.0000,  
0.0000

135.7110, 28.9750,  
9.0310

135.7110, 28.9750,  
9.0310

124.3810, 38.8320,  
12.1120

147.0410, 19.1180,  
5.9500

113.0510, 48.6890,  
15.1930

158.3710, 9.2610,  
2.8690

101.7210, 58.5460,  
18.2740

169.7010, -0.5960,  
-0.2120

90.3910, 68.4030,  
21.3550

181.0310,  
-10.4530, -3.2930

79.1750, 77.9390,  
24.7470

192.3610,  
-20.3100, -6.3740

68.4320, 87.5210,  
27.3050

202.9900,  
-29.5710, -9.2430

57.1020, 97.3780,  
30.3860


214.3200,  
-39.4280, -12.3240

56.4010, 97.9740,

225.6500,

30.5980

-49.2850, -15.4050

 229.2860,  
-51.2560, -18.2320

# Harmonies

## Analogous

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



136.1650, 22.0050, 14.2050



135.7110, 28.9750, 9.0310



134.3700, 28.1970, 1.1010

# Triad

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



135.7110, 28.9750, 9.0310



128.6530, -9.8090, -14.9690



131.8740, -25.7680, 4.4400

# Complementary

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



135.7110, 28.9750, 9.0310



152.2890, -28.9750, -9.0310

# 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.



128.1450, -37.1370, -4.2810



135.7110, 28.9750, 9.0310



126.6820, -25.9480, -14.3320

# Square

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



135.7110, 28.9750, 9.0310



130.9170, 7.0630, -12.3690



125.6300, -37.3650, -11.1650



135.1860, -8.8510, 11.7330



# Rectangle

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



135.7110, 28.9750, 9.0310



133.7560, 23.9340, -4.2420



125.6300, -37.3650, -11.1650



130.5420, -30.7650, 1.3870

# Sweetspot

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



135.7110, 28.9750, 9.0310



206.2680, 11.0490, 3.5050



139.4220, 14.3920, 25.5280



101.5880, 7.1520, 2.5440



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



135.7110, 28.9750, 9.0310



168.0720, 44.1960, 14.0200



150.3860, 22.1000, -4.0440



78.3920, 4.7680, 1.6960



49.5350, 85.7330, 26.6690



6.5670, 11.6450, 3.7170



# Inverse Universe

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



152.2890, -28.9750, -9.0310



193.9280, -44.1960, -14.0200



138.2010, -22.3750, 3.5210



81.6080, -4.7680, -1.6960



98.4650, -85.7330, -26.6690



13.4330, -11.6450, -3.7170



# Previews

## White Background



This preview shows how the YIQ color 135.7110, 28.9750, 9.0310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

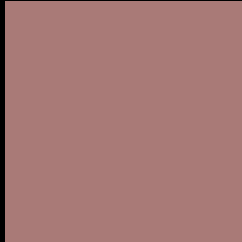
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 135.7110, 28.9750, 9.0310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

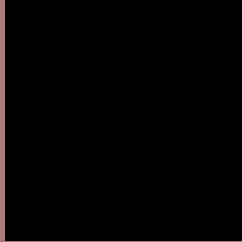
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 135.7110, 28.9750, 9.0310

## Background



This preview shows how black text looks on a background with the YIQ color 135.7110, 28.9750, 9.0310.



This preview shows how white text looks on a background with the YIQ color 135.7110, 28.9750,



# 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

135.7110, 28.9750, 9.0310

### Protanopia

133.5830, 5.5480, -1.4280

### Deuteranopia

134.9220, 17.8350, 1.6670



## Tritanopia

136.0900, 26.5900, 13.7100

# Trichromacy



## Original Color

135.7110, 28.9750, 9.0310

## Protanomaly

134.2960, 13.8460, 2.3740

## Deuteranomaly

134.9550, 22.2360, 4.5080

## Tritanomaly

136.2210, 27.5990, 11.9430

# Monochromacy



## Original Color

135.7110, 28.9750, 9.0310

## Achromatopsia

136.0000, -0.0000, 0.0000

## Achromatomaly

135.9690, 10.4530, 3.2930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.7110, 28.9750, 9.0310 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(169, 122, 119)` looks like.

```
.text, #text, p{  
    color:rgb(169, 122, 119)  
}
```

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(169, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 122, 119) }
```

## Border

The CSS property to change the border of an element to YIQ 135.7110, 28.9750, 9.0310 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(169, 122, 119) }
```



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

```
.border{ border-color:rgb(169, 122, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 122, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 122, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 122, 119);  
box-shadow:4px 4px 4px 4px rgb(169, 122,  
119) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.7110, 28.9750, 9.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 122, 119) }
```

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

```
.background{ background-color: rgb(169,  
122, 119) }
```

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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