

# Converting Colors

YUV(136.9950, -12.3225,  
32.4534)

Have a look what the booklet for  
YUV(136.9950, -12.3225, 32.4534)  
contains.

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# Color

**YUV(136.9950, -12.3225,  
32.4534)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE7B70
RGB	174, 123, 112
RGB Percent	68%, 48%, 44%
CMY	0.3176, 0.5176, 0.5608
CMYK	0.00, 0.29, 0.36, 0.32
HSL	11°, 28%, 56%
HSV	11°, 36%, 68%
XYZ	27.4631, 24.3344, 18.5788
YIQ	136.9950, 33.9270, 7.3910

# Conversions

## Conversions Part 2

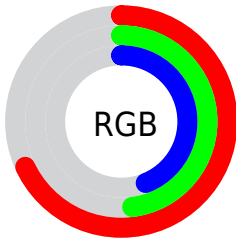
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 125, 112
Decimal	11434864
CIELab	56.42, 18.39, 13.93
CIELCh	56, 23.075, 37.147
Yxy	24.3344, 0.3902, 0.3458
Android (android.graphics.Color)	4289624944 (0xFFAE7B70)
YUV	136.9950, -12.3225, 32.4534
Hunter-Lab	49.3300, 13.0477, 12.2010

# Details

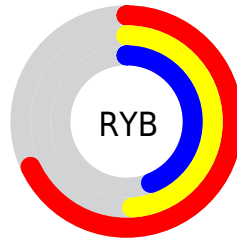
The YUV color **136.9950, -12.3225, 32.4534** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.0050, 12.3225, -32.4534**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0770, -13.3490, 35.0125**, and **86.6140, -11.1487, 29.2795** is the 20% darker color. If you saturate the color by 10%, you get **126.8390, -15.6966, 41.3602**, and if you desaturate by 10%, it is **147.1510, -8.9484, 23.5466**.

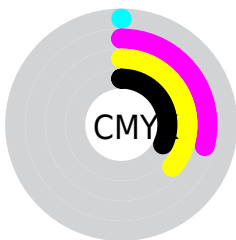
# Distribution



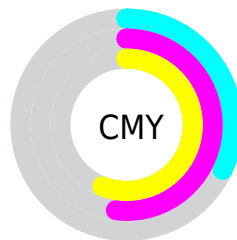
- Red (68%)
- Green (48%)
- Blue (44%)



- Red (68%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (32%)




- Cyan (32%)
- Magenta (52%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 136.9950, -12.3225, 32.4534 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 YUV color 136.9950, -12.3225, 32.4534 by changing the saturation by 10% instead.




 136.9950,  
-12.3225, 32.4534


 136.9950,  
-12.3225, 32.4534


255.0000, 0.0000,  
0.0000


 111.5110,  
-11.5909, 31.1239


 191.0770,  
-13.3490, 35.0125


 86.6140, -11.1487,  
29.2795

 217.1800,  
-12.9067, 33.1681


 62.8310, -10.2697,  
27.3352

 236.8080, -8.7793,  
15.9544

 40.1620, -8.9539,  
25.2909

 254.0880, -3.4944,  
0.7998

 17.5640, -8.6591,  
24.0614

 2.3920, -1.1793,  
4.9182

 0.0000, 0.0000,

0.0000

■ 136.9950,  
-12.3225, 32.4534

■ 136.9950,  
-12.3225, 32.4534

■ 126.8390,  
-15.6966, 41.3602

■ 147.1510, -8.9484,  
23.5466

■ 115.9820,  
-19.2181, 50.8818

■ 158.0080, -5.4269,  
14.0250

■ 105.8260,  
-22.5922, 59.7886

■ 168.1640, -2.0529,  
5.1182

■ 95.5560, -26.4031,  
68.7954

■ 178.4340, 1.7580,  
-3.8886

■ 84.8130, -29.4878,  
78.2170

■ 189.1770, 4.8427,  
-13.3102

■ 74.6570, -32.8619,  
87.1238

■ 199.3330, 8.2168,  
-22.2170

■ 70.2230, -34.6199,  
91.0124

■ 209.6030, 12.0277,  
-31.2238

■ 220.3460, 15.1124,  
-40.6454

■ 229.0200, 12.8081,  
-48.2525

# Harmonies

## Analogous

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



138.2860, -3.5920, 32.1982



136.9950, -12.3225, 32.4534



135.7460, -18.1158, 23.9018

# Triad

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



136.9950, -12.3225, 32.4534



128.5810, -4.7234, -25.0655



134.7650, 19.8359, -15.5799

# Complementary

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



136.9950, -12.3225, 32.4534



149.0050, 12.3225, -32.4534

# 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.



129.5730, 20.9165, -35.5825



136.9950, -12.3225, 32.4534



126.1690, 6.8187, -40.4902

# Square

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



136.9950, -12.3225, 32.4534



131.2860, -13.9450, -7.2668



125.3670, 16.5811, -45.0489



137.2300, 14.6766, 5.9373



# Rectangle

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



136.9950, -12.3225, 32.4534



134.3490, -19.3991, 15.4799



125.3670, 16.5811, -45.0489



132.9490, 20.7311, -22.7573

# Sweetspot

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



136.9950, -12.3225, 32.4534



211.8230, -4.8427, 13.3102



136.4660, 13.5743, 32.9173



105.6590, -2.7899, 8.1921



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.



136.9950, -12.3225, 32.4534



168.8680, -19.6549, 50.9818



154.6050, -21.0043, 17.0094



81.8650, -1.9054, 4.5034



60.6990, -29.9246, 78.3170



9.2250, -4.5479, 12.0807



# Inverse Universe

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



149.0050, 12.3225, -32.4534



187.7190, 19.3655, -51.4966



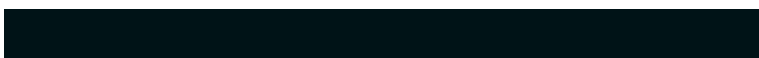
131.3950, 21.0043, -17.0094



83.1350, 1.9054, -4.5034



89.8880, 29.6352, -78.8318



13.7750, 4.5479, -12.0807



# Previews

## White Background



This preview shows how the YUV color 136.9950, -12.3225, 32.4534 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 YUV color 136.9950, -12.3225, 32.4534 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

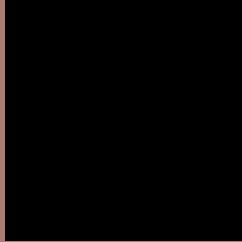
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 136.9950, -12.3225, 32.4534

## Background



This preview shows how black text looks on a background with the YUV color 136.9950, -12.3225, 32.4534.



This preview shows how white text looks on a background with the YUV color 136.9950, -12.3225, 32.4534.

32.4534.

# 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

136.9950, -12.3225, 32.4534

### Protanopia

135.1550, -8.4574, 6.0031

### Deuteranopia

135.9070, -12.2792, 18.4986



## Tritanopia

137.8840, -3.8868, 33.4277

# Trichromacy



## Original Color

136.9950, -12.3225, 32.4534

## Protanomaly

136.1670, -9.9423, 15.6395

## Deuteranomaly

135.9400, -12.2954, 23.7316

## Tritanomaly

137.3740, -7.0864, 32.9980

# Monochromacy



## Original Color

136.9950, -12.3225, 32.4534

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

136.9260, -4.4005, 11.4659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.9950, -12.3225, 32.4534 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(174, 123, 112)` looks like.

```
.text, #text, p{  
    color:rgb(174, 123, 112)  
}
```

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(174, 123, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 123, 112) }
```

## Border

The CSS property to change the border of an element to YUV 136.9950, -12.3225, 32.4534 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(174, 123, 112) }
```



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

```
.border{ border-color:rgb(174, 123, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 123, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 123, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 123, 112);  
box-shadow:4px 4px 4px 4px rgb(174, 123,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 136.9950, -12.3225, 32.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 123, 112) }
```

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

```
.background{ background-color: rgb(174,  
123, 112) }
```

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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