

# Converting Colors

YUV(145.2010, -31.6511,  
25.2567)

Have a look what the booklet for  
YUV(145.2010, -31.6511, 25.2567)  
contains.

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# Color

**YUV(145.2010, -31.6511,  
25.2567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8F51
RGB	174, 143, 81
RGB Percent	68%, 56%, 32%
CMY	0.3176, 0.4392, 0.6824
CMYK	0.00, 0.18, 0.53, 0.32
HSL	40°, 36%, 50%
HSV	40°, 53%, 68%
XYZ	28.7632, 29.2377, 11.9120
YIQ	145.2010, 38.3780, -12.7100

# Conversions

## Conversions Part 2

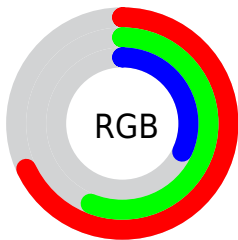
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 174, 81
Decimal	11439953
CIE Lab	60.99, 3.83, 37.09
CIE LCh	61, 37.286, 84.102
Yxy	29.2377, 0.4114, 0.4182
Android (android.graphics.Color)	4289630033 (0xFFAE8F51)
YUV	145.2010, -31.6511, 25.2567
Hunter-Lab	54.0719, 0.3263, 24.7887

# Details

The YUV color **145.2010, -31.6511, 25.2567** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **109.7990, 31.6511, -25.2567**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7560, -33.4037, 27.4010**, and **93.9340, -30.0405, 21.9829** is the 20% darker color. If you saturate the color by 10%, you get **139.7410, -37.3403, 30.0451**, and if you desaturate by 10%, it is **150.6610, -25.9619, 20.4683**.

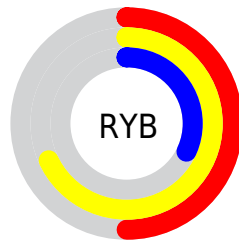
# Distribution



Red (68%)

Green (56%)

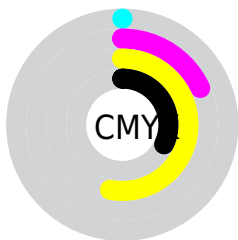
Blue (32%)



Red (50%)

Yellow (68%)

Blue (32%)

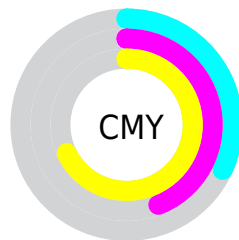


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (32%)



Cyan (32%)

Magenta (44%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.2010, -31.6511, 25.2567 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 145.2010, -31.6511, 25.2567 by changing the saturation by 10% instead.



■ 145.2010,  
-31.6511, 25.2567

■ 145.2010,  
-31.6511, 25.2567

■ 255.0000, 0.0000,  
0.0000

■ 118.8310,  
-30.4827, 23.8272

■ 199.7560,  
-33.4037, 27.4010

■ 93.9340, -30.0405,  
21.9829

■ 225.7450,  
-33.3983, 25.6566

■ 69.8090, -30.4718,  
20.3385

■ 245.8460,  
-29.9971, 8.0281

■ 47.9210, -23.6251,  
17.6093

■ 250.2120,  
-18.3455, 4.1991

■ 28.4070, -14.0047,  
11.9211

■ 253.5180, -5.6784,  
1.2997

■ 4.4850, -2.2111,  
9.2217

■ 0.0000, 0.0000,

0.0000

■ 145.2010,  
-31.6511, 25.2567

■ 145.2010,  
-31.6511, 25.2567

■ 139.7410,  
-37.3403, 30.0451

■ 150.6610,  
-25.9619, 20.4683

■ 134.1670,  
-43.4663, 34.9335

■ 156.2350,  
-19.8359, 15.5799

■ 129.2940,  
-49.4449, 39.2072

■ 161.1080,  
-13.8572, 11.3063

■ 123.7200,  
-55.5710, 44.0956

■ 166.6820, -7.7312,  
6.4179

■ 120.1180,  
-59.2182, 47.2545

■ 172.1420, -2.0420,  
1.6295

■ 177.6020, 3.6472,  
-3.1590

■ 183.1760, 9.7732,  
-8.0474

■ 188.0490, 15.7518,  
-12.3210

■ 193.6230, 21.8779,  
-17.2094

# Harmonies

## Analogous

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



146.9290, -25.6010, 44.7893



145.2010, -31.6511, 25.2567



141.7740, -27.4966, -0.6788

# Triad

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



145.2010, -31.6511, 25.2567



115.9900, 28.1059, -101.7232



151.3450, 17.0849, 26.8844

# Complementary

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



145.2010, -31.6511, 25.2567



109.7990, 31.6511, -25.2567

# 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.



148.5240, 28.8287, -6.5985



145.2010, -31.6511, 25.2567



116.7200, 41.0570, -102.3634

# Square

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



145.2010, -31.6511, 25.2567



128.2600, 5.2948, -65.1260



138.5080, 36.2316, -47.8035



150.2910, 2.3215, 48.8568



# Rectangle

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



145.2010, -31.6511, 25.2567



138.7160, -19.5800, -19.9219



138.5080, 36.2316, -47.8035



151.1310, 21.6274, 16.5481

# Sweetspot

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



145.2010, -31.6511, 25.2567



215.8520, -12.2520, 9.7768



112.3410, -0.1681, 54.0749



107.7960, -7.2944, 6.3179



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.



145.2010, -31.6511, 25.2567



182.2940, -49.4449, 39.2072



158.9130, -38.4111, 0.0763



84.2130, -3.0630, 2.4442



103.5500, -51.0501, 40.7367



15.6820, -7.7312, 6.4179



# Inverse Universe

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



109.7990, 31.6511, -25.2567



126.7060, 49.4449, -39.2072



96.0870, 38.4111, -0.0763



80.7870, 3.0630, -2.4442



46.4500, 51.0501, -40.7367



7.3180, 7.7312, -6.4179



# Previews

## White Background



This preview shows how the YUV color 145.2010, -31.6511, 25.2567 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

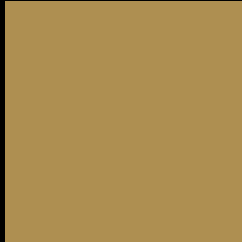
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 145.2010, -31.6511, 25.2567 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

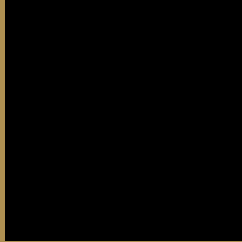
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 145.2010, -31.6511, 25.2567

## Background



This preview shows how black text looks on a background with the YUV color 145.2010, -31.6511, 25.2567.



This preview shows how white text looks on a background with the YUV color 145.2010, -31.6511, 25.2567.



# 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

145.2010, -31.6511, 25.2567

### Protanopia

144.1890, -30.1662, 15.6202

### Deuteranopia

145.9350, -31.5200, 29.8750



## Tritanopia

149.7090, -1.8285, 26.5652

# Trichromacy



## Original Color

145.2010, -31.6511, 25.2567

## Protanomaly

144.6840, -30.9032, 18.6941

## Deuteranomaly

145.9240, -31.5145, 28.1307

## Tritanomaly

148.1360, -12.8850, 26.1907

# Monochromacy



## Original Color

145.2010, -31.6511, 25.2567

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

145.0800, -11.3784, 9.5768

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.2010, -31.6511, 25.2567 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, 143, 81)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 81)  
}
```

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, 143, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 81) }
```

## Border

The CSS property to change the border of an element to YUV 145.2010, -31.6511, 25.2567 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, 143, 81) }
```



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

```
.border{ border-color:rgb(174, 143, 81) }
```

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

Here you see how a box with a 4 pixel rgb(174, 143, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 81);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 145.2010, -31.6511, 25.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 143, 81) }
```

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

```
.background{ background-color: rgb(174,  
143, 81) }
```

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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