

# Converting Colors

YUV(147.3560, -23.3465,  
21.6128)

Have a look what the booklet for  
YUV(147.3560, -23.3465, 21.6128)  
contains.

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# Color

**YUV(147.3560, -23.3465,  
21.6128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC9064
RGB	172, 144, 100
RGB Percent	67%, 56%, 39%
CMY	0.3255, 0.4353, 0.6078
CMYK	0.00, 0.16, 0.42, 0.33
HSL	37°, 30%, 53%
HSV	37°, 42%, 67%
XYZ	29.2868, 29.6373, 16.2336
YIQ	147.3560, 30.8120, -7.7480

# Conversions

## Conversions Part 2

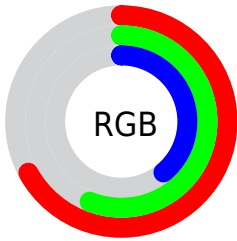
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 172, 100
Decimal	11309156
CIE <sub>Lab</sub>	61.34, 4.35, 27.29
CIE <sub>LCh</sub>	61, 27.638, 80.943
Yxy	29.6373, 0.3897, 0.3943
Android (android.graphics.Color)	4289499236 (0xFFAC9064)
YUV	147.3560, -23.3465, 21.6128
Hunter-Lab	54.4401, 0.7561, 20.4283

# Details

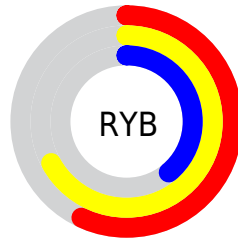
The YUV color **147.3560, -23.3465, 21.6128** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **124.6440, 23.3465, -21.6128**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9110, -25.0991, 23.7571**, and **96.3880, -21.8833, 18.9537** is the 20% darker color. If you saturate the color by 10%, you get **141.3090, -28.7463, 26.9160**, and if you desaturate by 10%, it is **153.4030, -17.9467, 16.3096**.

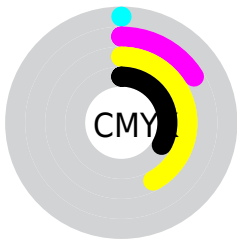
# Distribution



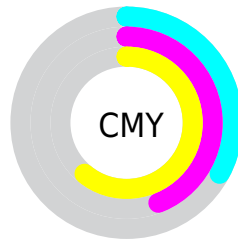
- Red (67%)
- Green (56%)
- Blue (39%)



- Red (57%)
- Yellow (67%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.3560, -23.3465, 21.6128 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 147.3560, -23.3465, 21.6128 by changing the saturation by 10% instead.



■ 147.3560,  
-23.3465, 21.6128

■ 147.3560,  
-23.3465, 21.6128

255.0000, 0.0000,  
0.0000

■ 121.2850,  
-22.3255, 20.7981

■ 201.9110,  
-25.0991, 23.7571

■ 96.3880, -21.8833,  
18.9537

■ 229.1990,  
-25.2411, 22.6275

■ 72.0180, -20.7149,  
17.5242

■ 248.8270,  
-21.1137, 5.4137

■ 49.0070, -20.7095,  
15.7799

■ 252.6060, -9.1728,  
2.0995

■ 29.0050, -14.2995,  
13.1506

■ 5.6700, -2.7953,  
9.9364

■ 0.0000, 0.0000,

0.0000

■ 147.3560,  
-23.3465, 21.6128

■ 147.3560,  
-23.3465, 21.6128

■ 141.3090,  
-28.7463, 26.9160

■ 153.4030,  
-17.9467, 16.3096

■ 135.8490,  
-34.4356, 31.7044

■ 158.8630,  
-12.2575, 11.5211

■ 129.6880,  
-40.2722, 37.1076

■ 165.0240, -6.4208,  
6.1180

■ 123.6410,  
-45.6720, 42.4108

■ 171.0710, -1.0210,  
0.8147

■ 118.1810,  
-51.3612, 47.1993

■ 176.5310, 4.6682,  
-3.9737

■ 113.0630,  
-55.7401, 51.6877

■ 182.5780, 10.0680,  
-9.2769

■ 188.6250, 15.4679,  
-14.5801

■ 194.7860, 21.3045,  
-19.9833

■ 200.2460, 26.9937,  
-24.7717

# Harmonies

## Analogous

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



149.2960, -18.8799, 35.6974



147.3560, -23.3465, 21.6128



145.1040, -21.2503, 2.5398

# Triad

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



147.3560, -23.3465, 21.6128



134.2470, 15.1612, -56.3446



151.6660, 13.4757, 17.8329

# Complementary

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



147.3560, -23.3465, 21.6128



124.6440, 23.3465, -21.6128

# 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.



148.8030, 22.2821, -6.8432



147.3560, -23.3465, 21.6128



136.8480, 23.7389, -54.2407

# Square

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



147.3560, -23.3465, 21.6128



137.6760, 1.1457, -40.9349



143.5500, 25.8579, -33.8083



151.3170, 2.8017, 34.8020



# Rectangle

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



147.3560, -23.3465, 21.6128



142.7970, -15.6759, -12.1000



143.5500, 25.8579, -33.8083



151.4200, 16.5549, 10.1557

# Sweetspot

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



147.3560, -23.3465, 21.6128



214.2370, -9.4838, 8.5622



124.8340, 2.0538, 41.3646



105.8390, -5.8366, 5.4032



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.



147.3560, -23.3465, 21.6128



185.9910, -36.4776, 33.3339



161.6990, -30.4176, 2.8950



83.6260, -2.7736, 2.9590



98.8540, -48.7350, 44.8550



15.0950, -7.4418, 6.9327



# Inverse Universe

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



124.6440, 23.3465, -21.6128



150.5960, 36.1882, -33.8487



110.3010, 30.4176, -2.8950



80.7870, 3.0630, -2.4442



51.7330, 48.4456, -45.3698

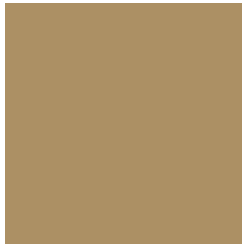


7.9050, 7.4418, -6.9327



# Previews

## White Background



This preview shows how the YUV color 147.3560, -23.3465, 21.6128 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

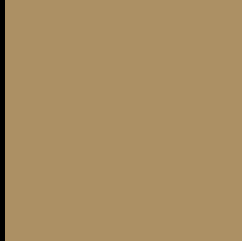
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.3560, -23.3465, 21.6128 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

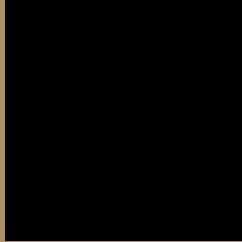
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 147.3560, -23.3465, 21.6128

## Background



This preview shows how black text looks on a background with the YUV color 147.3560, -23.3465, 21.6128.



This preview shows how white text looks on a background with the YUV color 147.3560, -23.3465, 21.6128.



# 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

147.3560, -23.3465, 21.6128

### Protanopia

146.3440, -21.8616, 11.9763

### Deuteranopia

147.6770, -23.5048, 25.7163



## Tritanopia

150.8010, -1.3809, 22.9765

# Trichromacy



## Original Color

147.3560, -23.3465, 21.6128

## Protanomaly

146.8390, -22.5986, 15.0502

## Deuteranomaly

147.6660, -23.4993, 23.9719

## Tritanomaly

149.4390, -9.0904, 22.4170

# Monochromacy



## Original Color

147.3560, -23.3465, 21.6128

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

147.1660, -8.4628, 7.7474

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.3560, -23.3465, 21.6128 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(172, 144, 100)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 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(172, 144, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 100) }
```

## Border

The CSS property to change the border of an element to YUV 147.3560, -23.3465, 21.6128 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(172, 144, 100) }
```



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

```
.border{ border-color:rgb(172, 144, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 100);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 147.3560, -23.3465, 21.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 144, 100) }
```

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

```
.background{ background-color: rgb(172,  
144, 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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