

# Converting Colors

YUV(145.8620, -7.3270,  
16.7840)

Have a look what the booklet for  
YUV(145.8620, -7.3270, 16.7840)  
contains.

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# Color

**YUV(145.8620, -7.3270,  
16.7840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A58B83
RGB	165, 139, 131
RGB Percent	65%, 55%, 51%
CMY	0.3529, 0.4549, 0.4863
CMYK	0.00, 0.16, 0.21, 0.35
HSL	14°, 16%, 58%
HSV	14°, 21%, 65%
XYZ	28.8464, 28.1033, 25.3768
YIQ	145.8620, 18.0640, 3.0240

# Conversions

## Conversions Part 2

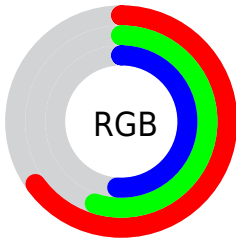
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 141, 131
Decimal	10849155
CIE <sub>Lab</sub>	59.98, 8.50, 7.92
CIE <sub>LCh</sub>	60, 11.622, 42.976
Yxy	28.1033, 0.3504, 0.3414
Android (android.graphics.Color)	4289039235 (0xFFA58B83)
YUV	145.8620, -7.3270, 16.7840
Hunter-Lab	53.0125, 4.3577, 8.7269

# Details

The YUV color  $145.8620, -7.3270, 16.7840$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $150.1380, 7.3270, -16.7840$ , and the grayscale version is  $146.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $200.0470, -7.9112, 17.4988$ , and  $95.3780, -6.5954, 15.4545$  is the 20% darker color. If you saturate the color by 10%, you get  $136.2930, -10.9904, 25.1760$ , and if you desaturate by 10%, it is  $155.3170, -4.1003, 8.4920$ .

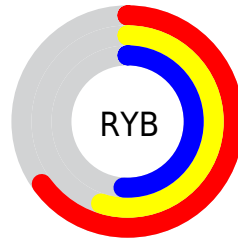
# Distribution



Red (65%)

Green (55%)

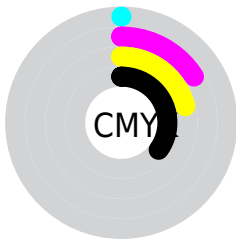
Blue (51%)



Red (65%)

Yellow (55%)

Blue (51%)

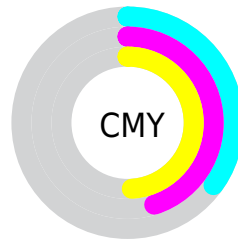


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (35%)



Cyan (35%)

Magenta (45%)


Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.8620, -7.3270, 16.7840 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 145.8620, -7.3270, 16.7840 by changing the saturation by 10% instead.




 145.8620, -7.3270,  
16.7840

 145.8620, -7.3270,  
16.7840


255.0000, 0.0000,  
0.0000


 120.2640, -7.0322,  
15.5545


 200.0470, -7.9112,  
17.4988


 95.3780, -6.5954,  
15.4545


 227.7590, -7.7692,  
18.6284

 71.7800, -6.3005,  
14.2249

 249.7680, -4.8156,  
4.5885

 48.5950, -5.7163,  
13.5102

 27.5840, -5.7109,  
11.7658

 5.6810, -2.8007,  
11.6808

 0.0000, 0.0000,

0.0000

■ 145.8620, -7.3270,  
16.7840

■ 145.8620, -7.3270,  
16.7840

■ 136.2930,  
-10.9904, 25.1760

■ 155.3170, -4.1003,  
8.4920

■ 127.4250,  
-14.5065, 32.9533

■ 164.2990, -0.1474,  
0.6148

■ 117.8560,  
-18.1700, 41.3453

■ 173.7540, 3.0793,  
-7.6773

■ 108.9880,  
-21.6861, 49.1225

■ 182.7360, 7.0322,  
-15.5545

■ 99.4190, -25.3496,  
57.5145

■ 192.1910, 10.2588,  
-23.8465

■ 89.9640, -28.5763,  
65.8066

■ 201.7600, 13.9223,  
-32.2385

■ 80.9820, -32.5291,  
73.6838

■ 210.6280, 17.4384,  
-40.0158

■ 72.2280, -35.6084,  
81.3610

■ 219.2850, 17.6075,  
-47.6079

■ 226.9160, 13.8454,  
-54.3003

# Harmonies

## Analogous

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



146.6000, -3.2538, 17.0138



145.8620, -7.3270, 16.7840



144.8460, -9.7841, 11.5361

# Triad

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



145.8620, -7.3270, 16.7840



141.4560, -1.7038, -13.5549



144.7850, 9.4730, -5.0734

# Complementary

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



145.8620, -7.3270, 16.7840



150.1380, 7.3270, -16.7840

# 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.



142.9580, 10.3737, -13.9952



145.8620, -7.3270, 16.7840



141.2040, 3.8434, -19.4729

# Square

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



145.8620, -7.3270, 16.7840



142.2460, -6.5303, -5.4777



141.6430, 8.0640, -19.8579



146.4550, 6.6777, 4.8630



# Rectangle

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



145.8620, -7.3270, 16.7840



144.1120, -9.9152, 6.9178



141.6430, 8.0640, -19.8579



144.2900, 10.2100, -8.1473

# Sweetspot

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



145.8620, -7.3270, 16.7840



206.6480, -2.7845, 6.4477



144.1300, 6.3449, 18.3030



102.6800, -1.3212, 3.7886



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



145.8620, -7.3270, 16.7840



183.8910, -11.2853, 26.4056



155.8410, -12.2466, 8.0324



76.8650, -1.9054, 4.5034



63.3130, -31.2133, 71.6395



7.7300, -3.8109, 9.0068



# Inverse Universe

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



150.1380, 7.3270, -16.7840



191.1090, 11.2853, -26.4056



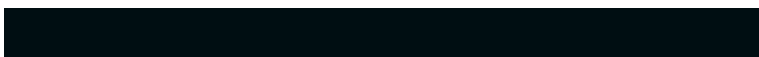
140.1590, 12.2466, -8.0324



78.1350, 1.9054, -4.5034



81.6870, 31.2133, -71.6395



10.2700, 3.8109, -9.0068



# Previews

## White Background



This preview shows how the YUV color 145.8620, -7.3270, 16.7840 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 145.8620, -7.3270, 16.7840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

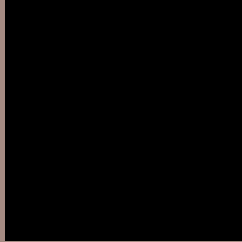
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 145.8620, -7.3270, 16.7840

## Background



This preview shows how black text looks on a background with the YUV color 145.8620, -7.3270, 16.7840.



This preview shows how white text looks on a background with the YUV color 145.8620, -7.3270,



# 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

145.8620, -7.3270, 16.7840

### Protanopia

144.6540, -5.2524, 4.6884

### Deuteranopia

146.1500, -7.4690, 15.6544



## Tritanopia

147.1100, -0.0542, 17.4435

# Trichromacy



## Original Color

145.8620, -7.3270, 16.7840

## Protanomaly

144.8610, -5.8475, 8.8919

## Deuteranomaly

146.1500, -7.4690, 15.6544

## Tritanomaly

146.7140, -2.8170, 16.9138

# Monochromacy



## Original Color

145.8620, -7.3270, 16.7840

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

145.7620, -2.3477, 6.3477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.8620, -7.3270, 16.7840 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(165, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(165, 139, 131)  
}
```

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(165, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 139, 131) }
```

## Border

The CSS property to change the border of an element to YUV 145.8620, -7.3270, 16.7840 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(165, 139, 131) }
```



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

```
.border{ border-color:rgb(165, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 139, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 139, 131); box-shadow:4px 4px 4px 4px rgb(165, 139, 131) }
```

# Background

The CSS property to change the background color of an element to YUV 145.8620, -7.3270, 16.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 139, 131) }
```

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

```
.background{ background-color: rgb(165,  
139, 131) }
```

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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