

# Converting Colors

YUV(225.3460, -11.5096,  
4.9586)

Have a look what the booklet for  
YUV(225.3460, -11.5096, 4.9586)  
contains.

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# Color

**YUV(225.3460, -11.5096,  
4.9586)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7E3CA
RGB	231, 227, 202
RGB Percent	91%, 89%, 79%
CMY	0.0941, 0.1098, 0.2078
CMYK	0.00, 0.02, 0.13, 0.09
HSL	52°, 38%, 85%
HSV	52°, 13%, 91%
XYZ	71.0848, 76.1914, 66.8370
YIQ	225.3460, 10.4090, -6.9270

# Conversions

## Conversions Part 2

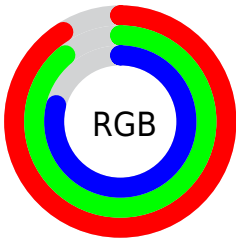
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 231, 202
Decimal	15197130
CIE <sub>Lab</sub>	89.95, -2.82, 12.70
CIE <sub>LCh</sub>	90, 13.005, 102.520
Yxy	76.1914, 0.3320, 0.3558
Android (android.graphics.Color)	4293387210 (0xFFE7E3CA)
YUV	225.3460, -11.5096, 4.9586
Hunter-Lab	87.2877, -7.3878, 15.7025

# Details

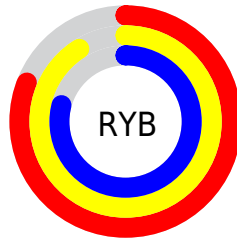
The YUV color **225.3460, -11.5096, 4.9586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207.6540, 11.5096, -4.9586**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **170.1610, -10.9254, 4.2438** is the 20% darker color. If you saturate the color by 10%, you get **220.9630, -20.6878, 8.8024**, and if you desaturate by 10%, it is **229.7290, -2.3314, 1.1147**.

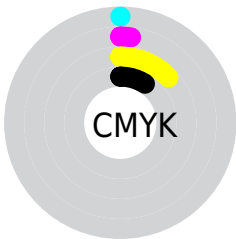
# Distribution



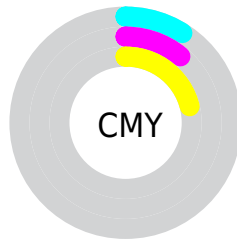
- Red (91%)
- Green (89%)
- Blue (79%)



- Red (81%)
- Yellow (91%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.3460, -11.5096, 4.9586 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 225.3460, -11.5096, 4.9586 by changing the saturation by 10% instead.



■ 225.3460,  
-11.5096, 4.9586

■ 225.3460,  
-11.5096, 4.9586

255.0000, 0.0000,  
0.0000

■ 197.4600,  
-11.0728, 4.8586

■ 170.1610,  
-10.9254, 4.2438

■ 143.5740,  
-10.6360, 4.7586

■ 118.2750,  
-10.4886, 4.1438

■ 93.3890, -10.0518,  
4.0438

■ 69.6170, -9.1782,  
3.8439

■ 47.4320, -8.5940,

3.1291

■ 25.9760, -10.3412,  
3.5290

■ 0.0000, 0.0000,  
0.0000

■ 225.3460,  
-11.5096, 4.9586

■ 225.3460,  
-11.5096, 4.9586

■ 220.9630,  
-20.6878, 8.8024

■ 229.7290, -2.3314,  
1.1147

■ 216.5800,  
-29.8659, 12.6463

■ 234.1120, 6.8468,  
-2.7292

■ 211.6100,  
-38.7547, 17.0050

■ 237.2580, 8.7468,  
-5.4883

■ 207.2270,  
-47.9329, 20.8489

■ 239.0190, 7.8786,  
-7.0327

■ 202.7300,  
-57.5479, 24.7928

■ 240.7800, 7.0105,  
-8.5771

■ 198.3470,  
-66.7261, 28.6367

■ 242.5410, 6.1423,  
-10.1215

■ 193.9640,  
-75.9043, 32.4806

■ 244.3020, 5.2741,  
-11.6659

■ 189.5810,  
-85.0824, 36.3245

■ 246.0630, 4.4059,  
-13.2103

■ 185.8820,  
-91.6398, 39.5685

■ 247.8240, 3.5378,  
-14.7546

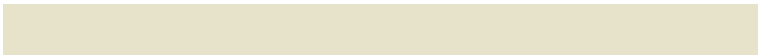
# Harmonies

## Analogous

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



226.9990, -11.8315, 14.9099



225.3460, -11.5096, 4.9586



224.1920, -7.9827, -6.3074

# Triad

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



225.3460, -11.5096, 4.9586



222.3760, 9.6746, -23.1318



229.0820, 2.4246, 15.7141

# Complementary

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



225.3460, -11.5096, 4.9586



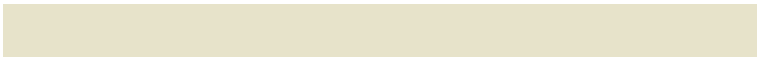
207.6540, 11.5096, -4.9586

# 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.



227.9220, 8.4195, 6.2074



225.3460, -11.5096, 4.9586



224.2180, 12.7105, -16.8542

# Square

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



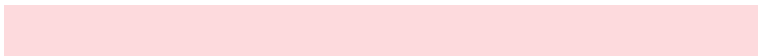
225.3460, -11.5096, 4.9586



222.2960, 4.2911, -23.0616



226.3550, 11.6570, -5.5733

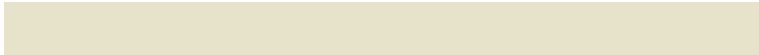


228.8070, -3.8489, 21.2173

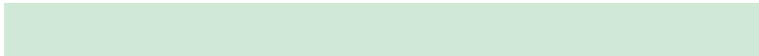


# Rectangle

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



225.3460, -11.5096, 4.9586



222.7720, -4.3246, -12.9550



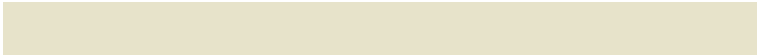
226.3550, 11.6570, -5.5733



228.6410, 4.6140, 13.4698

# Sweetspot

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



225.3460, -11.5096, 4.9586



253.2730, -4.0786, 1.5146



211.1270, -2.5276, 17.4286



126.6150, -2.7682, 1.2146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

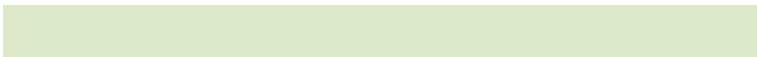
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.3460, -11.5096, 4.9586



247.7330, -15.1514, 6.3732



224.7040, -11.1931, -3.2484



112.4580, -4.6628, 2.2293



143.9190, -70.9521, 30.7660



41.0770, -20.2510, 8.7025



# Inverse Universe

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



207.6540, 11.5096, -4.9586



224.2670, 15.1514, -6.3732



208.2960, 11.1931, 3.2484



105.5420, 4.6628, -2.2293



35.0810, 70.9521, -30.7660

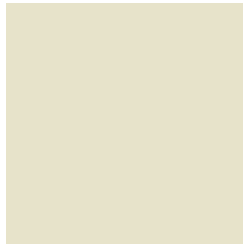


9.9230, 20.2510, -8.7025



# Previews

## White Background



This preview shows how the YUV color 225.3460, -11.5096, 4.9586 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

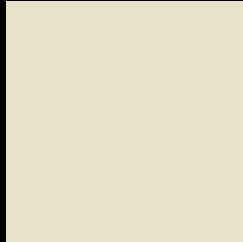
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.3460, -11.5096, 4.9586 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

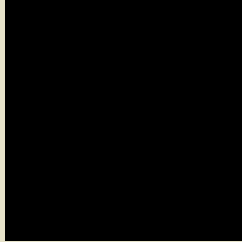
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

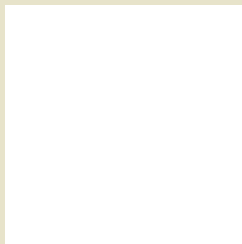
Any Text WCAG AAA ✓ Pass

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

# YUV 225.3460, -11.5096, 4.9586 Background



This preview shows how black text looks on a background with the YUV color 225.3460, -11.5096, 4.9586.



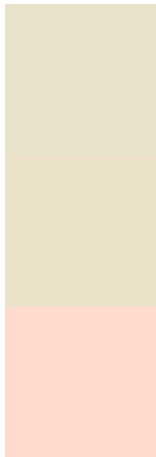
This preview shows how white text looks on a background with the YUV color 225.3460, -11.5096, 4.9586.

4.9586.

# 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

225.3460, -11.5096, 4.9586

### Protanopia

225.5530, -12.1046, 9.1620

### Deuteranopia

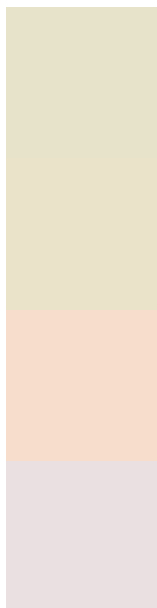
227.5810, -11.1324, 24.0465



## Tritanopia

228.1240, 5.3619, 6.9073

# Trichromacy



## Original Color

225.3460, -11.5096, 4.9586

## Protanomaly

225.5420, -12.0992, 7.4177

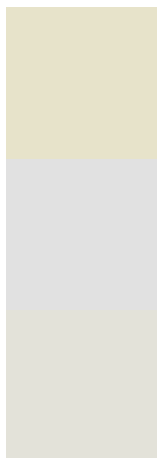
## Deuteranomaly

226.5370, -11.1107, 17.0691

## Tritanomaly

227.2180, -0.6005, 5.9478

# Monochromacy



## Original Color

225.3460, -11.5096, 4.9586

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

225.2730, -4.0786, 1.5146

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.3460, -11.5096, 4.9586 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(231, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 202)  
}
```

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(231, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 202) }
```

## Border

The CSS property to change the border of an element to YUV 225.3460, -11.5096, 4.9586 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(231, 227, 202) }
```



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

```
.border{ border-color:rgb(231, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 225.3460, -11.5096, 4.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 202) }
```

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

```
.background{ background-color: rgb(231,  
227, 202) }
```

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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