

# Converting Colors

YUV(231.4950, -0.7370, 3.0739)

Have a look what the booklet for  
YUV(231.4950, -0.7370, 3.0739)  
contains.

<b>YUV(231.4950, -0.7370, 3.0739)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(231.4950, -0.7370,  
3.0739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">EBE6E6</a>
RGB	<a href="#">235, 230, 230</a>
RGB Percent	<a href="#">92%, 90%, 90%</a>
CMY	<a href="#">0.0784, 0.0980, 0.0980</a>
CMYK	<a href="#">0.00, 0.02, 0.02, 0.08</a>
HSL	<a href="#">0°, 11%, 91%</a>
HSV	<a href="#">0°, 2%, 92%</a>
XYZ	<a href="#">76.8407, 79.9690, 86.2485</a>
YIQ	<a href="#">231.4950, 2.9800, 1.0600</a>

# Conversions

## Conversions Part 2

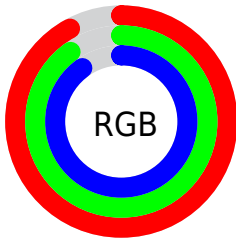
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 230, 230
Decimal	15460070
CIE Lab	91.67, 1.69, 0.59
CIE LCh	92, 1.788, 19.186
Yxy	79.9690, 0.3161, 0.3290
Android (android.graphics.Color)	4293650150 (0xFFE6E6)
YUV	231.4950, -0.7370, 3.0739
Hunter-Lab	89.4254, -3.1144, 5.4140

# Details

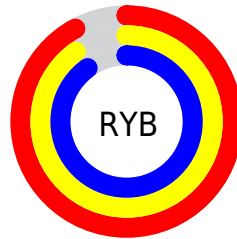
The YUV color  $231.4950, -0.7370, 3.0739$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $233.5050, 0.7370, -3.0739$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.1960, -0.5896, 2.4591$  is the 20% darker color. If you saturate the color by 10%, you get  $215.3720, -4.1274, 17.2138$ , and if you desaturate by 10%, it is  $248.3190, 2.8007, -11.6808$ .

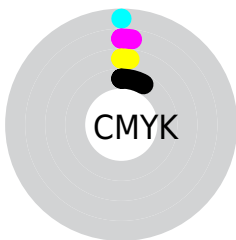
# Distribution



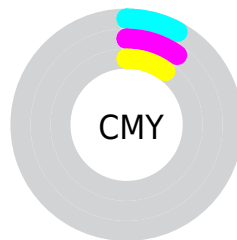
- Red (92%)
- Green (90%)
- Blue (90%)



- Red (92%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.4950, -0.7370, 3.0739 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 231.4950, -0.7370, 3.0739 by changing the saturation by 10% instead.



■ 231.4950, -0.7370,  
3.0739

■ 231.4950, -0.7370,  
3.0739

255.0000, 0.0000,  
0.0000

■ 203.4950, -0.7370,  
3.0739

■ 176.1960, -0.5896,  
2.4591

■ 149.4950, -0.7370,  
3.0739

■ 123.4950, -0.7370,  
3.0739

■ 98.4950, -0.7370,  
3.0739

■ 75.1960, -0.5896,  
2.4591

■ 52.1960, -0.5896,

2.4591

■ 31.1960, -0.5896,  
2.4591

■ 6.7940, -0.8844,  
3.6887

■ 231.4950, -0.7370,  
3.0739

■ 231.4950, -0.7370,  
3.0739

■ 215.3720, -4.1274,  
17.2138

■ 248.3190, 2.8007,  
-11.6808

■ 198.5480, -7.6652,  
31.9684

■ 249.0200, 2.9481,  
-12.2955

■ 182.4250,  
-11.0555, 46.1083

■ 165.6010,  
-14.5933, 60.8629

■ 149.4780,  
-17.9837, 75.0028

■ 132.6540,  
-21.5214, 89.7574

■ 116.5310,  
-24.9118, 103.8973

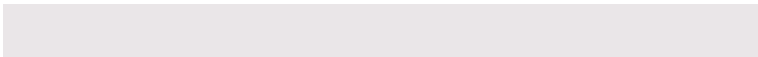
■ 99.7070, -28.4496,  
118.6520

■ 83.5840, -31.8399,  
132.7918

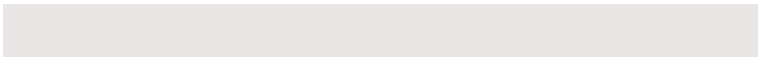
# Harmonies

## Analogous

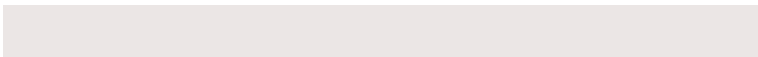
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4240, 0.2840, 2.2592



231.4950, -0.7370, 3.0739



231.3810, -1.1738, 3.1739

# Triad

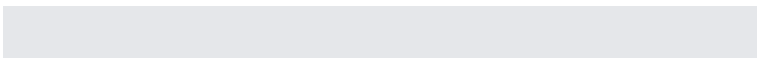
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.4950, -0.7370, 3.0739



230.7610, -0.8682, -1.5444



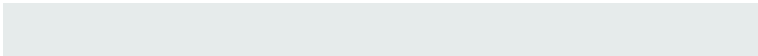
230.7440, 1.6052, -1.5295

# Complementary

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



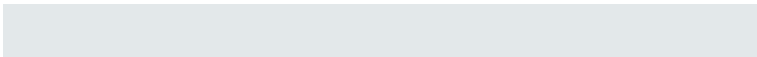
231.4950, -0.7370, 3.0739



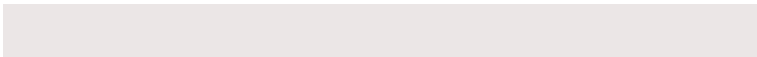
233.5050, 0.7370, -3.0739

# Split Complementary

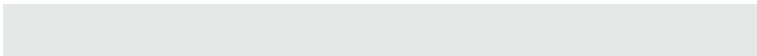
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.7330, 1.6106, -3.2738



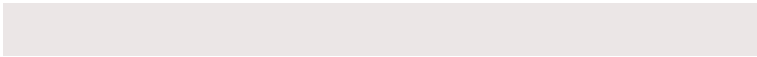
231.4950, -0.7370, 3.0739



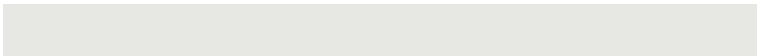
230.5760, -0.2840, -2.2592

# Square

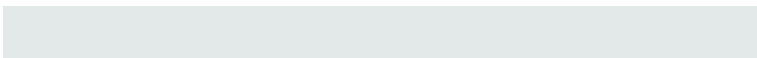
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



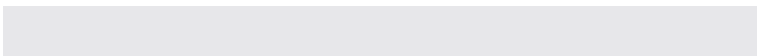
231.4950, -0.7370, 3.0739



230.6580, -1.3104, 0.2999



230.5050, 0.7370, -3.0739



231.3420, 1.3104, -0.2999

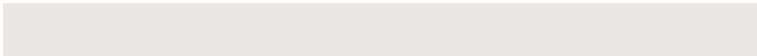


# Rectangle

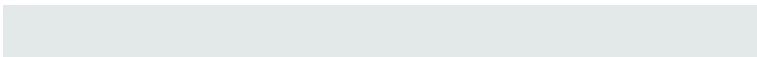
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.4950, -0.7370, 3.0739



231.5550, -1.7526, 2.1443



230.5050, 0.7370, -3.0739



231.0320, 1.4632, -2.6591

# Sweetspot

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



231.4950, -0.7370, 3.0739



252.8970, -0.4422, 1.8443



232.0650, 1.4470, 2.5740



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

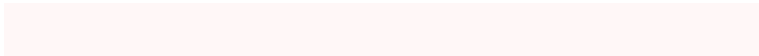


# Same Dimension

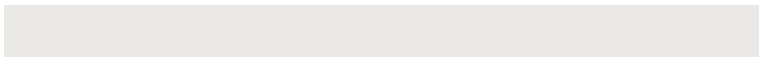
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.4950, -0.7370, 3.0739



249.3920, -1.1793, 4.9182



233.2560, -1.6052, 1.5295



114.1960, -0.5896, 2.4591



54.1190, -26.6807, 111.2746

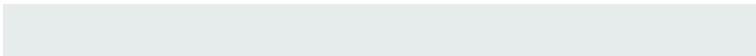


16.1460, -7.9600, 33.1980



# Inverse Universe

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



233.5050, 0.7370, -3.0739



252.6080, 1.1793, -4.9182



232.3310, 1.3158, -2.0443



115.8040, 0.5896, -2.4591



126.8810, 26.6807, -111.2746

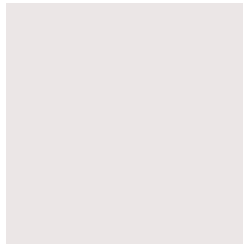


37.8540, 7.9600, -33.1980



# Previews

## White Background



This preview shows how the YUV color 231.4950, -0.7370, 3.0739 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

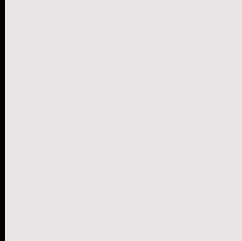
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.4950, -0.7370, 3.0739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

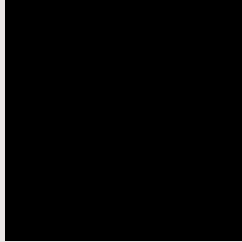
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

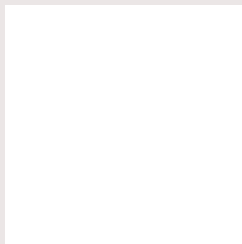
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 231.4950, -0.7370, 3.0739

## Background



This preview shows how black text looks on a background with the YUV color 231.4950, -0.7370, 3.0739.



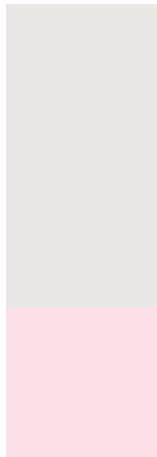
This preview shows how white text looks on a background with the YUV color 231.4950, -0.7370,

3.0739.

# 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

231.4950, -0.7370, 3.0739

### Protanopia

231.4950, -0.7370, 3.0739

### Deuteranopia

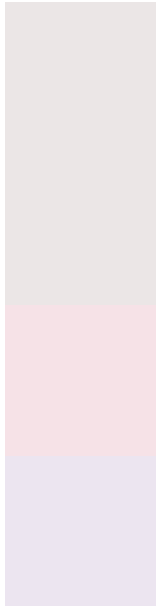
233.4690, -1.2172, 17.1287



## Tritanopia

232.7430, 6.5357, 3.7334

# Trichromacy



## Original Color

231.4950, -0.7370, 3.0739

## Protanomaly

231.4950, -0.7370, 3.0739

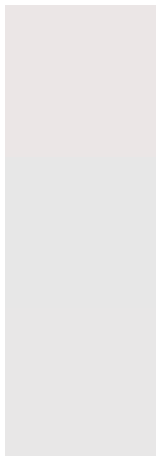
## Deuteranomaly

232.5500, -0.7642, 11.7956

## Tritanomaly

232.3470, 3.7729, 3.2037

# Monochromacy



## Original Color

231.4950, -0.7370, 3.0739

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.2990, -0.1474, 0.6148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.4950, -0.7370, 3.0739 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(235, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 230)  
}
```

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(235, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 230) }
```

## Border

The CSS property to change the border of an element to YUV 231.4950, -0.7370, 3.0739 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(235, 230, 230) }
```



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

```
.border{ border-color:rgb(235, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 231.4950, -0.7370, 3.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 230) }
```

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

```
.background{ background-color: rgb(235,  
230, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor