

# Converting Colors

YUV(226.4950, -0.7370, 3.0739)

Have a look what the booklet for  
YUV(226.4950, -0.7370, 3.0739)  
contains.

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# Color

**YUV(226.4950, -0.7370,  
3.0739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6E1E1
RGB	230, 225, 225
RGB Percent	90%, 88%, 88%
CMY	0.0980, 0.1176, 0.1176
CMYK	0.00, 0.02, 0.02, 0.10
HSL	0°, 9%, 89%
HSV	0°, 2%, 90%
XYZ	73.1489, 76.1097, 82.0694
YIQ	226.4950, 2.9800, 1.0600

# Conversions

## Conversions Part 2

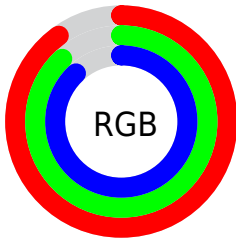
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 225, 225
Decimal	15131105
CIE <sub>Lab</sub>	89.91, 1.70, 0.59
CIE <sub>LCh</sub>	90, 1.795, 19.196
Yxy	76.1097, 0.3162, 0.3290
Android (android.graphics.Color)	4293321185 (0xFFE6E1E1)
YUV	226.4950, -0.7370, 3.0739
Hunter-Lab	87.2409, -3.0044, 5.2932

# Details

The YUV color  $226.4950, -0.7370, 3.0739$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $228.5050, 0.7370, -3.0739$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $171.4950, -0.7370, 3.0739$  is the 20% darker color. If you saturate the color by 10%, you get  $210.3720, -4.1274, 17.2138$ , and if you desaturate by 10%, it is  $242.6180, 2.6533, -11.0660$ .

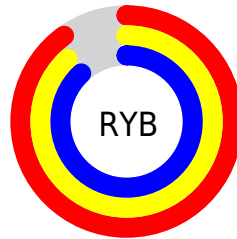
# Distribution



Red (90%)

Green (88%)

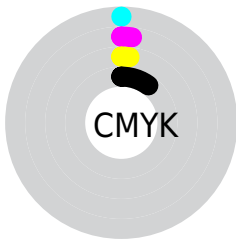
Blue (88%)



Red (90%)

Yellow (88%)

Blue (88%)

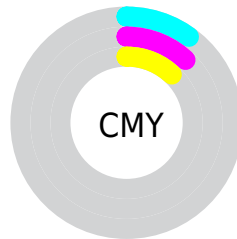


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.4950, -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 226.4950, -0.7370, 3.0739 by changing the saturation by 10% instead.



■ 226.4950, -0.7370,  
3.0739

■ 226.4950, -0.7370,  
3.0739

255.0000, 0.0000,  
0.0000

■ 198.4950, -0.7370,  
3.0739

■ 171.4950, -0.7370,  
3.0739

■ 144.4950, -0.7370,  
3.0739

■ 119.1960, -0.5896,  
2.4591

■ 94.1960, -0.5896,  
2.4591

■ 71.1960, -0.5896,  
2.4591

■ 48.1960, -0.5896,

2.4591

■ 27.8970, -0.4422,  
1.8443

■ 0.8970, -0.4422,  
1.8443

■ 226.4950, -0.7370,  
3.0739

■ 226.4950, -0.7370,  
3.0739

■ 210.3720, -4.1274,  
17.2138

■ 242.6180, 2.6533,  
-11.0660

■ 194.2490, -7.5178,  
31.3536

■ 247.5250, 3.6852,  
-15.3694

■ 178.1260,  
-10.9081, 45.4935

■ 162.0030,  
-14.2985, 59.6334

■ 145.8800,  
-17.6888, 73.7732

■ 129.7570,  
-21.0792, 87.9131

■ 113.6340,  
-24.4696, 102.0530

■ 97.5110, -27.8599,  
116.1929

■ 81.3880, -31.2503,  
130.3327

# Harmonies

## Analogous

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



226.4240, 0.2840, 2.2592



226.4950, -0.7370, 3.0739



226.3810, -1.1738, 3.1739

# Triad

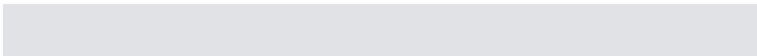
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.4950, -0.7370, 3.0739



225.7610, -0.8682, -1.5444



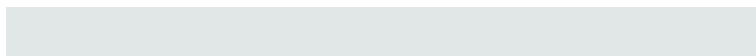
225.7440, 1.6052, -1.5295

# Complementary

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



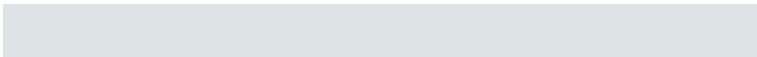
226.4950, -0.7370, 3.0739



228.5050, 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.



225.7330, 1.6106, -3.2738



226.4950, -0.7370, 3.0739



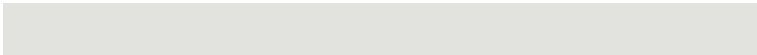
225.5760, -0.2840, -2.2592

# Square

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



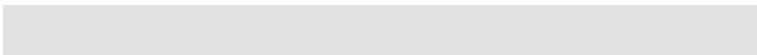
226.4950, -0.7370, 3.0739



225.6580, -1.3104, 0.2999



225.5050, 0.7370, -3.0739



226.3420, 1.3104, -0.2999



# Rectangle

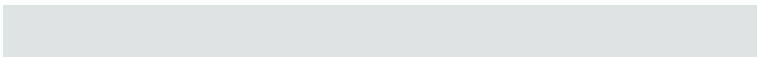
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.4950, -0.7370, 3.0739



226.5550, -1.7526, 2.1443



225.5050, 0.7370, -3.0739



226.0320, 1.4632, -2.6591

# Sweetspot

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



226.4950, -0.7370, 3.0739



252.8970, -0.4422, 1.8443



227.0650, 1.4470, 2.5740



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

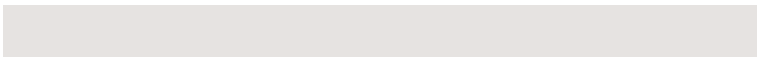
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.4950, -0.7370, 3.0739



249.3920, -1.1793, 4.9182



227.6690, -1.3158, 2.0443



111.4950, -0.7370, 3.0739



53.5210, -26.3859, 110.0451

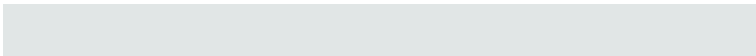


15.2490, -7.5178, 31.3536



# Inverse Universe

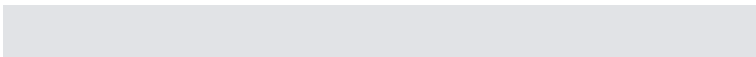
The Inverse Universe completely reimagines the original color for something new.



228.5050, 0.7370, -3.0739



252.6080, 1.1793, -4.9182



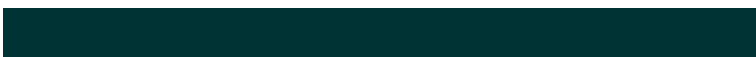
226.7440, 1.6052, -1.5295



113.5050, 0.7370, -3.0739



125.4790, 26.3859, -110.0451

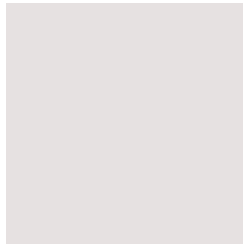


35.7510, 7.5178, -31.3536



# Previews

## White Background



This preview shows how the YUV color 226.4950, -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 226.4950, -0.7370, 3.0739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

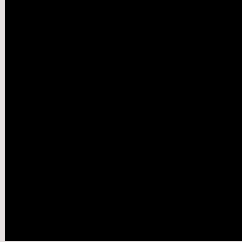
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

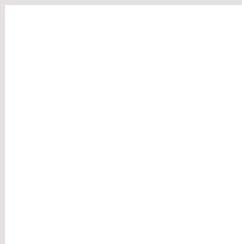
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 226.4950, -0.7370, 3.0739

## Background



This preview shows how black text looks on a background with the YUV color 226.4950, -0.7370, 3.0739.



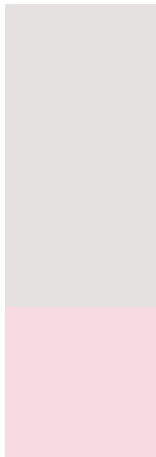
This preview shows how white text looks on a background with the YUV color 226.4950, -0.7370,

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

226.4950, -0.7370, 3.0739

### Protanopia

226.4950, -0.7370, 3.0739

### Deuteranopia

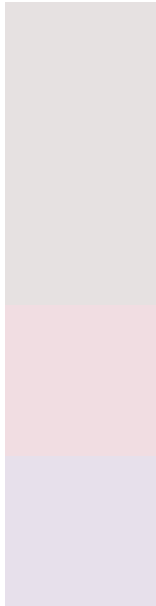
228.4690, -1.2172, 17.1287



## Tritanopia

227.6290, 6.0989, 3.8334

# Trichromacy



## Original Color

226.4950, -0.7370, 3.0739

## Protanomaly

226.4950, -0.7370, 3.0739

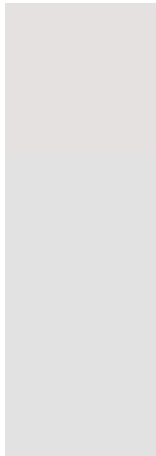
## Deuteranomaly

227.5500, -0.7642, 11.7956

## Tritanomaly

227.3470, 3.7729, 3.2037

# Monochromacy



## Original Color

226.4950, -0.7370, 3.0739

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

226.2990, -0.1474, 0.6148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.4950, -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(230, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 225)  
}
```

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(230, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 225) }
```

## Border

The CSS property to change the border of an element to YUV 226.4950, -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(230, 225, 225) }
```



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

```
.border{ border-color:rgb(230, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 226.4950, -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(230, 225, 225) }
```

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

```
.background{ background-color: rgb(230,  
225, 225) }
```

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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