

# Converting Colors

YUV(231.7080, -3.8000, 5.5181)

Have a look what the booklet for  
YUV(231.7080, -3.8000, 5.5181)  
contains.

<b>YUV(231.7080, -3.8000, 5.5181)</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(231.7080, -3.8000,  
5.5181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEE6E0
RGB	238, 230, 224
RGB Percent	93%, 90%, 88%
CMY	0.0667, 0.0980, 0.1216
CMYK	0.00, 0.03, 0.06, 0.07
HSL	26°, 29%, 91%
HSV	26°, 6%, 93%
XYZ	77.0113, 80.1526, 81.9331
YIQ	231.7080, 6.6940, -0.1700

# Conversions

## Conversions Part 2

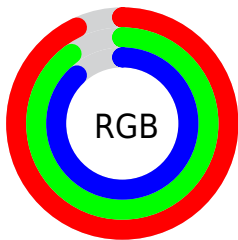
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 235, 224
Decimal	15656672
CIE Lab	91.75, 1.68, 3.87
CIE LCh	92, 4.217, 66.554
Yxy	80.1526, 0.3221, 0.3352
Android (android.graphics.Color)	4293846752 (0xFFEEE6E0)
YUV	231.7080, -3.8000, 5.5181
Hunter-Lab	89.5280, -3.1297, 8.4093

# Details

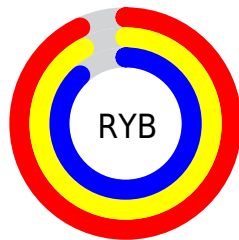
The YUV color  $231.7080, -3.8000, 5.5181$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $230.2920, 3.8000, -5.5181$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.4090, -3.6526, 4.9033$  is the 20% darker color. If you saturate the color by 10%, you get  $220.7540, -10.2317, 15.1247$ , and if you desaturate by 10%, it is  $242.6620, 2.6316, -4.0886$ .

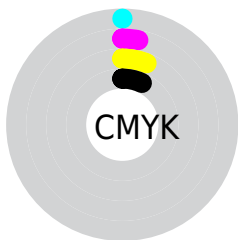
# Distribution



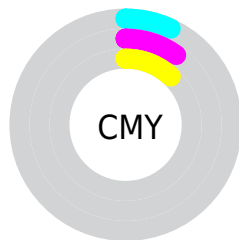
- Red (93%)
- Green (90%)
- Blue (88%)



- Red (93%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.7080, -3.8000, 5.5181 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 231.7080, -3.8000, 5.5181 by changing the saturation by 10% instead.



■ 231.7080, -3.8000,  
5.5181

■ 231.7080, -3.8000,  
5.5181

255.0000, 0.0000,  
0.0000

■ 203.7080, -3.8000,  
5.5181

■ 176.4090, -3.6526,  
4.9033

■ 149.4090, -3.6526,  
4.9033

■ 123.5230, -3.2158,  
4.8033

■ 98.5230, -3.2158,  
4.8033

■ 75.2240, -3.0684,  
4.1886

■ 52.2240, -3.0684,

4.1886

■ 31.0390, -2.4842,  
3.4738

■ 7.1210, -3.5107,  
6.0329

■ 231.7080, -3.8000,  
5.5181

■ 231.7080, -3.8000,  
5.5181

■ 220.7540,  
-10.2317, 15.1247

■ 242.6620, 2.6316,  
-4.0886

■ 210.3870,  
-16.9528, 24.2166

■ 249.9170, 2.5059,  
-10.4512

■ 199.5470,  
-22.9477, 33.7233

■ 189.1800,  
-29.6687, 42.8151

■ 178.2260,  
-36.1004, 52.4218

■ 167.2720,  
-42.5321, 62.0285

■ 156.9050,  
-49.2532, 71.1203

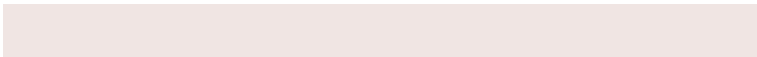
■ 146.0650,  
-55.2480, 80.6270

■ 135.6980,  
-61.9691, 89.7189

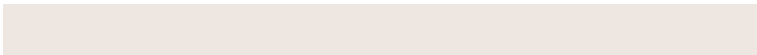
# Harmonies

## Analogous

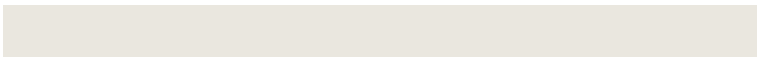
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.0610, -2.4951, 6.9625



231.7080, -3.8000, 5.5181



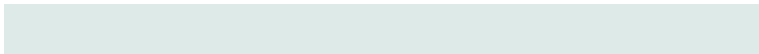
230.9850, -3.9366, 2.6442

# Triad

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



231.7080, -3.8000, 5.5181



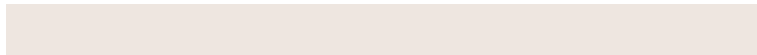
230.1840, 0.8953, -7.1774



231.8090, 3.0522, 1.0445

# Complementary

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



231.7080, -3.8000, 5.5181



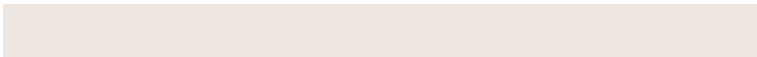
230.2920, 3.8000, -5.5181

# Split Complementary

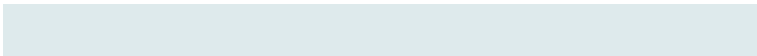
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.0150, 3.9366, -2.6442



231.7080, -3.8000, 5.5181



230.6400, 2.6425, -7.5773

# Square

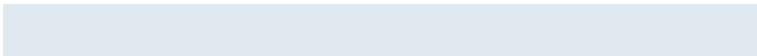
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.7080, -3.8000, 5.5181



230.6250, -1.2941, -4.9331



230.9930, 3.9475, -6.1329



232.3750, 1.2941, 4.9331



# Rectangle

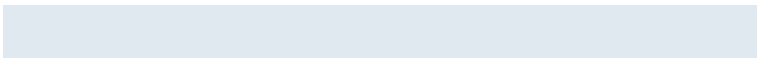
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.7080, -3.8000, 5.5181



230.7890, -3.3470, 0.1850



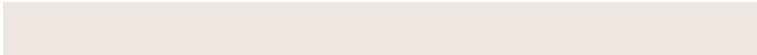
230.9930, 3.9475, -6.1329



231.6240, 3.6364, 0.3298

# Sweetspot

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



231.7080, -3.8000, 5.5181



252.6690, -1.3158, 2.0443



229.0980, 1.4307, 7.8071



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000

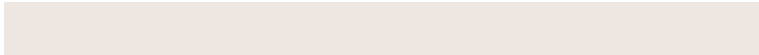


128.0000, 0.0000, 0.0000

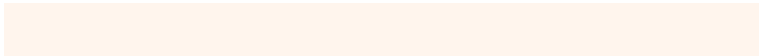


# Same Dimension

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



231.7080, -3.8000, 5.5181



247.0780, -4.9685, 6.9476



235.8170, -5.8258, 1.9145



115.3380, -2.6316, 4.0886



101.3890, -49.9848, 72.4498

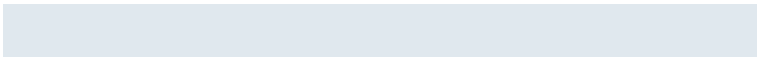


30.8320, -15.2002, 22.0723

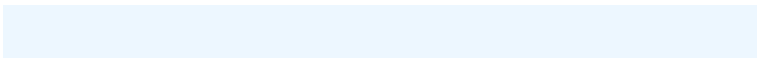


# Inverse Universe

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



230.2920, 3.8000, -5.5181



244.9220, 4.9685, -6.9476



226.1830, 5.8258, -1.9145



114.6620, 2.6316, -4.0886



82.6110, 49.9848, -72.4498

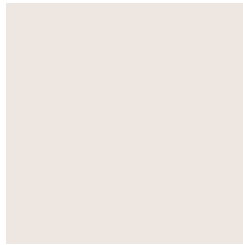


25.1680, 15.2002, -22.0723



# Previews

## White Background



This preview shows how the YUV color 231.7080, -3.8000, 5.5181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

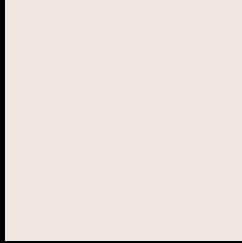
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.7080, -3.8000, 5.5181 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

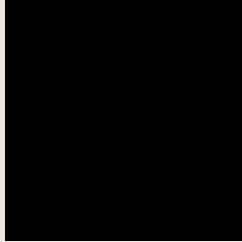
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

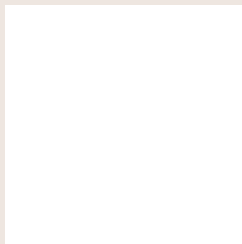
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 231.7080, -3.8000, 5.5181

## Background



This preview shows how black text looks on a background with the YUV color 231.7080, -3.8000, 5.5181.



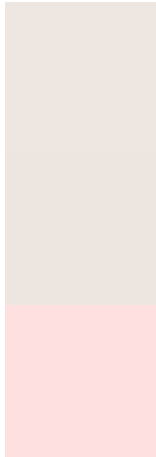
This preview shows how white text looks on a background with the YUV color 231.7080, -3.8000,

5.5181.

# 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

231.7080, -3.8000, 5.5181

### Protanopia

231.4090, -3.6526, 4.9033

### Deuteranopia

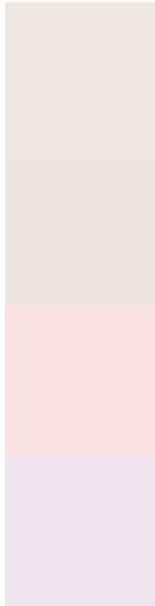
233.3830, -4.1328, 18.9581



## Tritanopia

233.2380, 5.7987, 6.8073

# Trichromacy



## Original Color

231.7080, -3.8000, 5.5181

## Protanomaly

231.4090, -3.6526, 4.9033

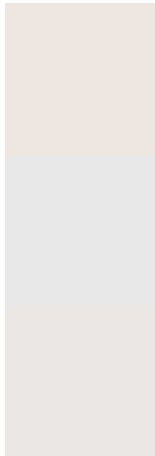
## Deuteranomaly

232.7630, -3.8272, 14.2398

## Tritanomaly

232.6140, 2.1623, 6.4775

# Monochromacy



## Original Color

231.7080, -3.8000, 5.5181

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

231.6690, -1.3158, 2.0443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.7080, -3.8000, 5.5181 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(238, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 224)  
}
```

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(238, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 224) }
```

## Border

The CSS property to change the border of an element to YUV 231.7080, -3.8000, 5.5181 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(238, 230, 224) }
```



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

```
.border{ border-color:rgb(238, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 231.7080, -3.8000, 5.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 224) }
```

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

```
.background{ background-color: rgb(238,  
230, 224) }
```

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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