

# Converting Colors

YUV(231.5010, 0.2460, 14.4696)

Have a look what the booklet for  
YUV(231.5010, 0.2460, 14.4696)  
contains.

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# Color

**YUV(231.5010, 0.2460,  
14.4696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F8DFE8
RGB	248, 223, 232
RGB Percent	97%, 87%, 91%
CMY	0.0275, 0.1255, 0.0902
CMYK	0.00, 0.10, 0.06, 0.03
HSL	338°, 64%, 92%
HSV	338°, 10%, 97%
XYZ	79.6646, 78.5580, 87.3084
YIQ	231.5010, 12.0110, 8.0990

# Conversions

## Conversions Part 2

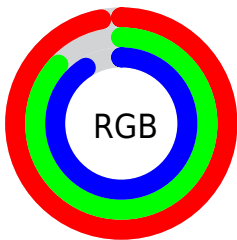
Format	Color
<a href="#">RYB</a>	<a href="#">248, 223, 232</a>
Decimal	<a href="#">16310248</a>
CIELab	<a href="#">91.03, 10.07, -1.27</a>
CIELCh	<a href="#">91, 10.151, 352.837</a>
Yxy	<a href="#">78.5580, 0.3245, 0.3200</a>
Android (android.graphics.Color)	<a href="#">4294500328</a> ( <a href="#">0xFFFF8DFE8</a> )
YUV	<a href="#">231.5010, 0.2460, 14.4696</a>
Hunter-Lab	<a href="#">88.6330, 5.3307, 3.6391</a>

# Details

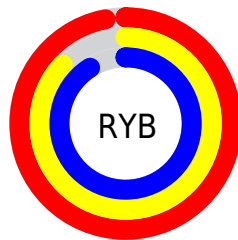
The YUV color  $231.5010, 0.2460, 14.4696$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $239.4990, -0.2460, -14.4696$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.0880, -0.0434, 13.9548$  is the 20% darker color. If you saturate the color by 10%, you get  $215.0020, 0.4920, 28.9392$ , and if you desaturate by 10%, it is  $248.0000, 0.0000, 0.0000$ .

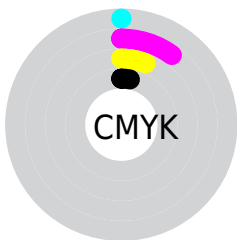
# Distribution



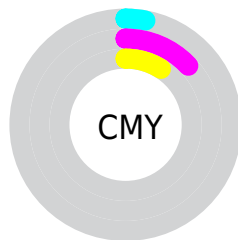
- Red (97%)
- Green (87%)
- Blue (91%)



- Red (97%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (3%)




- Cyan (3%)
- Magenta (13%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 231.5010, 0.2460, 14.4696 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 231.5010, 0.2460, 14.4696 by changing the saturation by 10% instead.





 231.5010, 0.2460,  
14.4696

 231.5010, 0.2460,  
14.4696


255.0000, 0.0000,  
0.0000


 203.2020, 0.3934,  
13.8548

 176.0880, -0.0434,  
13.9548

 148.9030, 0.5408,  
13.2401

 123.4900, 0.2514,  
12.7253

 98.1910, 0.3988,  
12.1105

 74.7780, 0.1094,  
11.5957

 51.5930, 0.6937,

10.8809

■ 30.1800, 0.4043,  
10.3661

■ 7.6750, -0.3328,  
13.4400

■ 231.5010, 0.2460,  
14.4696

■ 231.5010, 0.2460,  
14.4696

■ 215.0020, 0.4920,  
28.9392

■ 248.0000, 0.0000,  
0.0000

■ 198.5030, 0.7380,  
43.4089

■ 252.9070, 1.0318,  
-4.3034

■ 182.5910, 0.6946,  
57.3637

■ 166.2060, 1.3774,  
71.7333

■ 149.7070, 1.6234,  
86.2030

■ 133.2080, 1.8695,  
100.6726

■ 116.7090, 2.1155,  
115.1422

■ 100.7970, 2.0721,  
129.0970

■ 84.2980, 2.3181,  
143.5667

# Harmonies

## Analogous

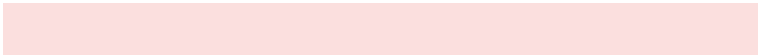
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.3090, 4.7777, 7.6220



231.5010, 0.2460, 14.4696



231.2580, -4.5642, 17.3137

# Triad

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



231.5010, 0.2460, 14.4696



228.1220, -8.4411, 0.7700



227.3660, 8.2006, -16.9840

# Complementary

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



231.5010, 0.2460, 14.4696



239.4990, -0.2460, -14.4696

# Split Complementary

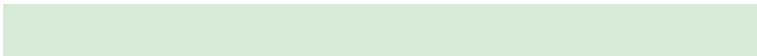
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.1440, 4.8590, -18.5433



231.5010, 0.2460, 14.4696



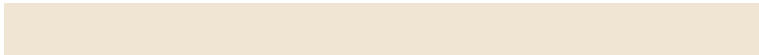
227.2780, -5.0671, -8.1368

# Square

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



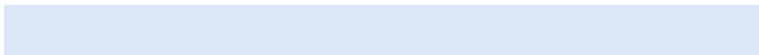
231.5010, 0.2460, 14.4696



229.5360, -9.6312, 9.1769



226.2000, -0.0986, -15.0844



228.7520, 9.4893, -10.3065

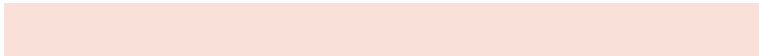


# Rectangle

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



231.5010, 0.2460, 14.4696



230.5630, -7.1796, 16.1692



226.2000, -0.0986, -15.0844



226.8390, 7.4744, -17.3988

# Sweetspot

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



231.5010, 0.2460, 14.4696



249.7340, 0.1311, 4.6183



230.6340, 8.5614, 7.3370



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

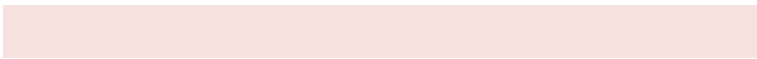
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5010, 0.2460, 14.4696



234.5230, 0.2352, 17.9583



232.2360, -4.5533, 13.8250



116.4570, 0.2677, 7.4922



64.2630, 1.8423, 109.3943



20.7470, 0.6177, 35.3019



# Inverse Universe

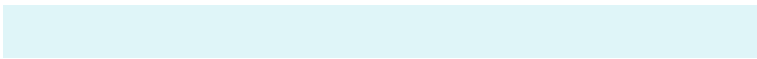
The Inverse Universe completely reimagines the original color for something new.



231.5010, 0.2460, 14.4696



234.5230, 0.2352, 17.9583



238.7640, 4.5533, -13.8250



116.4570, 0.2677, 7.4922



64.2630, 1.8423, 109.3943

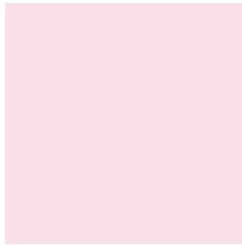


20.7470, 0.6177, 35.3019



# Previews

## White Background



This preview shows how the YUV color 231.5010, 0.2460, 14.4696 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

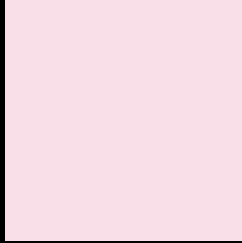
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.5010, 0.2460, 14.4696 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

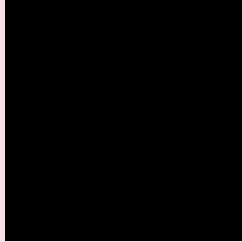
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 231.5010, 0.2460, 14.4696

## Background



This preview shows how black text looks on a background with the YUV color 231.5010, 0.2460, 14.4696.



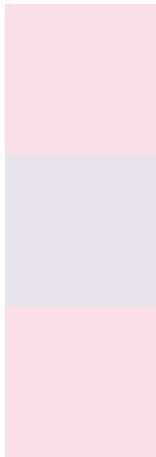
This preview shows how white text looks on a background with the YUV color 231.5010, 0.2460,

14.4696.

# 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

231.5010, 0.2460, 14.4696

### Protanopia

229.9940, 2.4680, 1.7593

### Deuteranopia

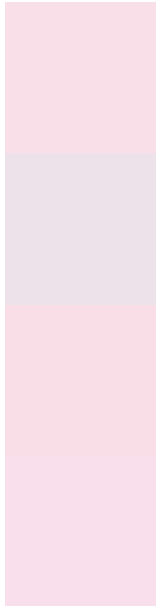
231.5120, 0.2406, 16.2140



## Tritanopia

232.0110, 3.4456, 14.8994

# Trichromacy



## Original Color

231.5010, 0.2460, 14.4696

## Protanomaly

230.5000, 1.7255, 6.5775

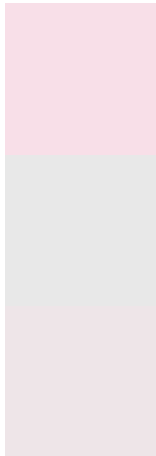
## Deuteranomaly

231.2130, 0.3880, 15.5992

## Tritanomaly

231.6690, 2.1352, 15.1993

# Monochromacy



## Original Color

231.5010, 0.2460, 14.4696

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.0330, -0.0163, 5.2331

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.5010, 0.2460, 14.4696 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(248, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 232)  
}
```

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(248, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 232) }
```

## Border

The CSS property to change the border of an element to YUV 231.5010, 0.2460, 14.4696 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(248, 223, 232) }
```



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

```
.border{ border-color:rgb(248, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 231.5010, 0.2460, 14.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 232) }
```

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

```
.background{ background-color: rgb(248,  
223, 232) }
```

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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