

# Converting Colors

YUV(231.7200, 8.0260, -7.6474)

Have a look what the booklet for  
YUV(231.7200, 8.0260, -7.6474)  
contains.

<b>YUV(231.7200, 8.0260, -7.6474)</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(231.7200, 8.0260,  
-7.6474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE9F8
RGB	223, 233, 248
RGB Percent	87%, 91%, 97%
CMY	0.1255, 0.0863, 0.0275
CMYK	0.10, 0.06, 0.00, 0.03
HSL	216°, 64%, 92%
HSV	216°, 10%, 97%
XYZ	76.5136, 80.7431, 100.3592
YIQ	231.7200, -10.7750, 2.5450

# Conversions

## Conversions Part 2

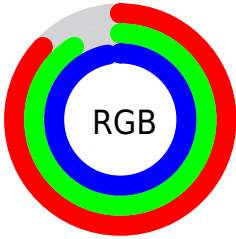
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 230, 248
Decimal	14674424
CIE Lab	92.02, -0.47, -8.40
CIE LCh	92, 8.415, 266.824
Yxy	80.7431, 0.2970, 0.3134
Android (android.graphics.Color)	4292864504 (0xFFDFE9F8)
YUV	231.7200, 8.0260, -7.6474
Hunter-Lab	89.8572, -5.2568, -3.3195

# Details

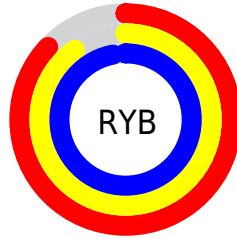
The YUV color  $231.7200, 8.0260, -7.6474$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $239.2800, -8.0260, 7.6474$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.0190, 7.8786, -7.0327$  is the 20% darker color. If you saturate the color by 10%, you get  $215.4400, 16.0521, -15.2949$ , and if you desaturate by 10%, it is  $248.0000, 0.0000, 0.0000$ .

# Distribution



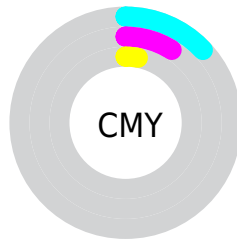
- Red (87%)
- Green (91%)
- Blue (97%)



- Red (87%)
- Yellow (90%)
- Blue (97%)



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



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.7200, 8.0260, -7.6474 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 231.7200, 8.0260, -7.6474 by changing the saturation by 10% instead.



■ 231.7200, 8.0260,  
-7.6474

■ 231.7200, 8.0260,  
-7.6474

255.0000, 0.0000,  
0.0000

■ 203.6060, 7.5892,  
-7.5475

■ 176.0190, 7.8786,  
-7.0327

■ 149.6060, 7.5892,  
-7.5475

■ 123.7910, 7.0050,  
-6.8327

■ 98.7910, 7.0050,  
-6.8327

■ 74.6770, 6.5682,  
-6.7327

■ 51.9760, 6.4208,

-6.1180

■ 30.8620, 5.9840,  
-6.0180

■ 7.9050, 7.4418,  
-6.9327

■ 231.7200, 8.0260,  
-7.6474

■ 231.7200, 8.0260,  
-7.6474

■ 215.4400, 16.0521,  
-15.2949

■ 248.0000, 0.0000,  
0.0000

■ 199.1600, 24.0781,  
-22.9423

■ 254.2020, -3.0576,  
0.6998

■ 183.1790, 31.9568,  
-29.9750

■ 166.8990, 39.9828,  
-37.6224

■ 151.2060, 47.7194,  
-45.7847

■ 134.9260, 55.7455,  
-53.4321

■ 118.6460, 63.7715,  
-61.0795

■ 102.6650, 71.6502,  
-68.1122

■ 86.3850, 79.6762,  
-75.7596

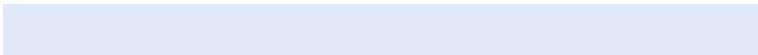
# Harmonies

## Analogous

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



230.1600, 7.3161, -13.2953



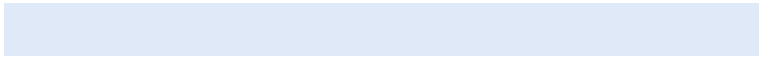
231.7200, 8.0260, -7.6474



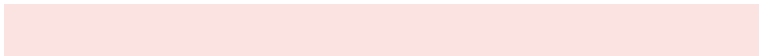
232.7210, 6.5465, 0.2447

# Triad

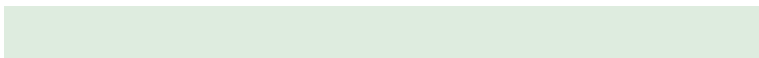
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.7200, 8.0260, -7.6474



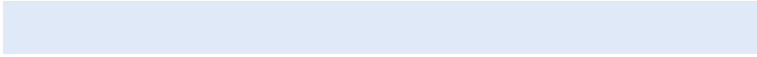
233.6490, -4.2640, 14.3398



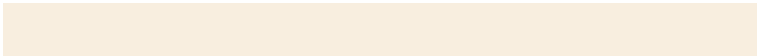
230.3320, -3.6147, -7.3072

# Complementary

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



231.7200, 8.0260, -7.6474



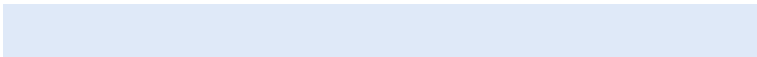
239.2800, -8.0260, 7.6474

# Split Complementary

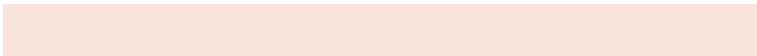
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.2790, -6.5465, -0.2447



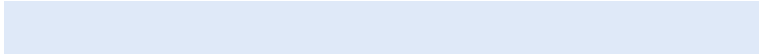
231.7200, 8.0260, -7.6474



233.2420, -7.0213, 12.0658

# Square

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



231.7200, 8.0260, -7.6474



233.9630, -0.4748, 12.3104



231.9810, -7.8786, 7.0327

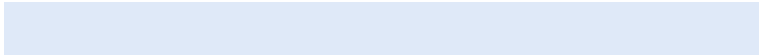


229.7380, 0.6222, -12.9252



# Rectangle

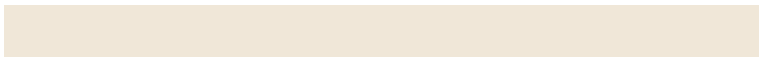
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



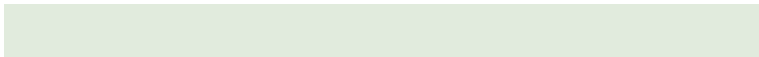
231.7200, 8.0260, -7.6474



233.5860, 4.6411, 4.7481



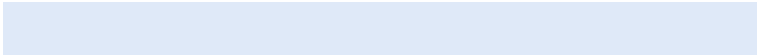
231.9810, -7.8786, 7.0327



230.4140, -4.6411, -4.7481

# Sweetspot

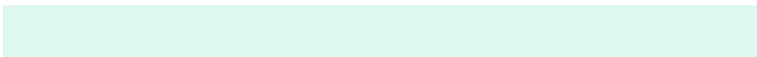
The Sweet Spot groups the original color and five complimentary colors.



231.7200, 8.0260, -7.6474



249.6730, 2.6262, -2.3442



239.3850, -0.6828, -14.3696



123.8580, 2.0420, -1.6295



0.0000, 0.0000, 0.0000

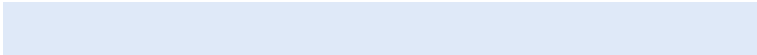


128.0000, 0.0000, 0.0000

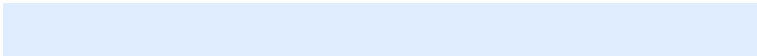


# Same Dimension

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



231.7200, 8.0260, -7.6474



235.1650, 9.7787, -9.7917



226.7470, 10.4777, -0.6551



116.4170, 4.2314, -3.8737



65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538



# Inverse Universe

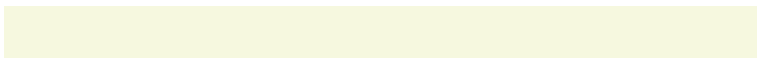
The Inverse Universe completely reimagines the original color for something new.



231.6150, 0.6828, 14.3696



234.7510, 1.1088, 17.7584



244.5520, -10.6251, 1.2699



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945

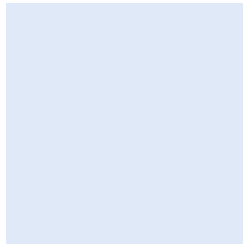


20.9750, 1.4913, 35.1019



# Previews

## White Background



This preview shows how the YUV color 231.7200, 8.0260, -7.6474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

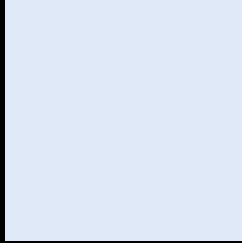
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.7200, 8.0260, -7.6474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

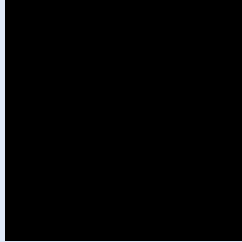
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

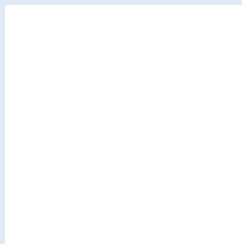
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 231.7200, 8.0260, -7.6474

## Background



This preview shows how black text looks on a background with the YUV color 231.7200, 8.0260, -7.6474.



This preview shows how white text looks on a background with the YUV color 231.7200, 8.0260, -7.6474.

-7.6474.

# 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

231.7200, 8.0260, -7.6474

### Protanopia

232.4220, 6.6940, -0.3701

### Deuteranopia

234.1290, 7.8244, 10.4109



## Tritanopia

232.3610, 9.1890, -7.3326

# Trichromacy



## Original Color

231.7200, 8.0260, -7.6474

## Protanomaly

232.2260, 7.2836, -2.8292

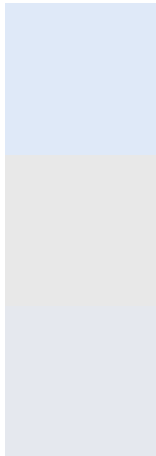
## Deuteranomaly

233.3840, 7.6987, 4.0482

## Tritanomaly

232.2470, 8.7522, -7.2326

# Monochromacy



## Original Color

231.7200, 8.0260, -7.6474

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

231.7870, 3.0630, -2.4442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.7200, 8.0260, -7.6474 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(223, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 248)  
}
```

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(223, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 248) }
```

## Border

The CSS property to change the border of an element to YUV 231.7200, 8.0260, -7.6474 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(223, 233, 248) }
```



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

```
.border{ border-color:rgb(223, 233, 248) }
```

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

Here you see how a box with a 4 pixel rgb(223, 233, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 231.7200, 8.0260, -7.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 248) }
```

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

```
.background{ background-color: rgb(223,  
233, 248) }
```

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