

# Converting Colors

YUV(231.1210, -6.9617, -7.1221)

Have a look what the booklet for  
YUV(231.1210, -6.9617, -7.1221)  
contains.

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# Color

**YUV(231.1210, -6.9617,  
-7.1221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFEED9
RGB	223, 238, 217
RGB Percent	87%, 93%, 85%
CMY	0.1255, 0.0667, 0.1490
CMYK	0.06, 0.00, 0.09, 0.07
HSL	103°, 38%, 89%
HSV	103°, 9%, 93%
XYZ	73.5303, 81.8468, 77.5682
YIQ	231.1210, -2.1990, -9.7110

# Conversions

## Conversions Part 2

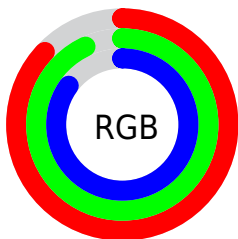
Format	Color
R <sub>Y</sub> B	217, 238, 232
Decimal	14675673
CIE Lab	92.51, -8.70, 8.46
CIE LCh	93, 12.136, 135.819
Yxy	81.8468, 0.3157, 0.3514
Android (android.graphics.Color)	4292865753 (0xFFDFEED9)
YUV	231.1210, -6.9617, -7.1221
Hunter-Lab	90.4692, -13.2423, 12.4933

# Details

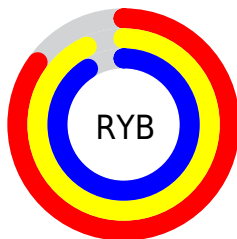
The YUV color **231.1210, -6.9617, -7.1221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **223.8790, 6.9617, 7.1221**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **175.5340, -6.6723, -6.6073** is the 20% darker color. If you saturate the color by 10%, you get **223.3020, -14.9389, -15.1739**, and if you desaturate by 10%, it is **238.9400, 1.0156, 0.9296**.

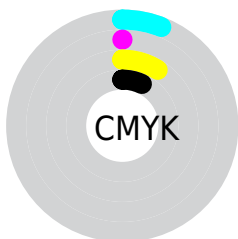
# Distribution



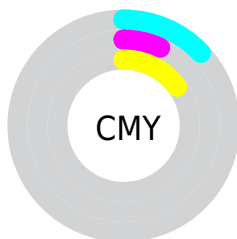
- Red (87%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.1210, -6.9617, -7.1221 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 231.1210, -6.9617, -7.1221 by changing the saturation by 10% instead.



■ 231.1210, -6.9617,  
-7.1221

■ 231.1210, -6.9617,  
-7.1221

255.0000, 0.0000,  
0.0000

■ 203.1210, -6.9617,  
-7.1221

■ 175.5340, -6.6723,  
-6.6073

■ 148.6480, -6.2355,  
-6.7073

■ 123.0610, -5.9461,  
-6.1925

■ 98.0610, -5.9461,  
-6.1925

■ 74.4740, -5.6567,  
-5.6777

■ 51.5880, -5.2199,

-5.7777

■ 30.7020, -4.7831,  
-5.8777

■ 8.8050, -4.3409,  
-7.7220

■ 231.1210, -6.9617,  
-7.1221

■ 231.1210, -6.9617,  
-7.1221

■ 223.3020,  
-14.9389, -15.1739

■ 238.9400, 1.0156,  
0.9296

■ 215.4830,  
-22.9161, -23.2256

■ 245.0210, 4.9196,  
8.7516

■ 207.7780,  
-30.4566, -31.3773

■ 199.9590,  
-38.4338, -39.4290

■ 192.1400,  
-46.4110, -47.4808

■ 184.3210,  
-54.3883, -55.5325

■ 176.5020,  
-62.3655, -63.5843

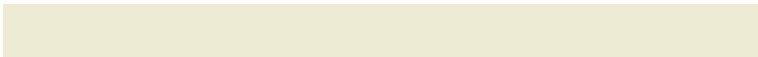
■ 168.7970,  
-69.9059, -71.7360

■ 160.9780,  
-77.8832, -79.7877

# Harmonies

## Analogous

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



232.8620, -10.7780, 3.6290



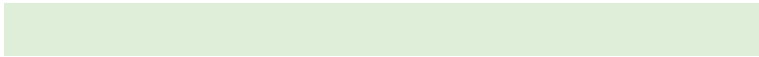
231.1210, -6.9617, -7.1221



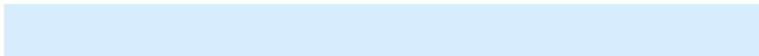
229.8470, -1.4036, -16.5288

# Triad

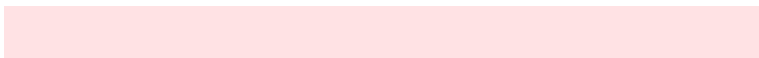
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.1210, -6.9617, -7.1221



231.8870, 11.3947, -14.8099



234.8990, -3.4012, 17.6286

# Complementary

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



231.1210, -6.9617, -7.1221



223.8790, 6.9617, 7.1221

# 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.



235.9680, 1.9878, 15.8141



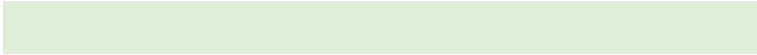
231.1210, -6.9617, -7.1221



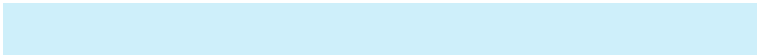
233.7250, 10.4886, -4.1438

# Square

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



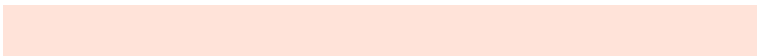
231.1210, -6.9617, -7.1221



230.3870, 9.6692, -21.3874



235.5800, 7.1091, 6.5073

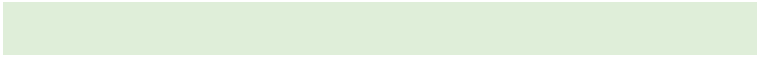


234.2320, -8.4954, 18.2135



# Rectangle

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



231.1210, -6.9617, -7.1221



229.8510, 2.5385, -20.9173



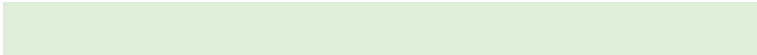
235.5800, 7.1091, 6.5073



235.3550, -1.6540, 17.2287

# Sweetspot

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



231.1210, -6.9617, -7.1221



252.5930, -2.7573, -2.2741



232.0840, -7.4364, 5.1883



126.1200, -2.0312, -1.8592



0.0000, 0.0000, 0.0000

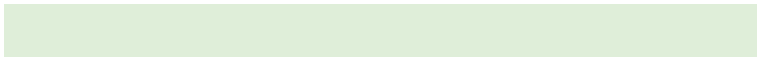


128.0000, 0.0000, 0.0000

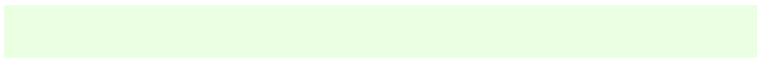


# Same Dimension

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



231.1210, -6.9617, -7.1221



245.8280, -9.2822, -9.4962



229.7830, -4.3300, -11.2107



115.9410, -3.9149, -4.3333



123.5560, -60.9131, -62.7546



37.6560, -18.5644, -18.9923



# Inverse Universe

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



223.8790, 6.9617, 7.1221



236.1720, 9.2822, 9.4962



225.2170, 4.3300, 11.2107



111.7600, 4.0623, 3.7185



60.1450, 61.0605, 62.1398

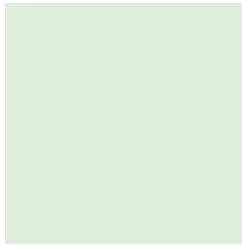


18.3440, 18.5644, 18.9923



# Previews

## White Background



This preview shows how the YUV color 231.1210, -6.9617, -7.1221 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

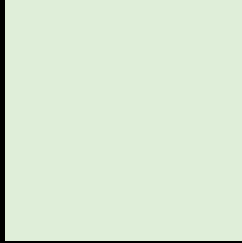
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.1210, -6.9617, -7.1221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

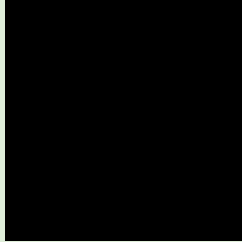
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

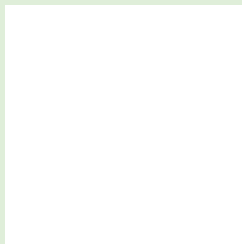
Any Text WCAG AAA ✓ Pass

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

# YUV 231.1210, -6.9617, -7.1221 Background



This preview shows how black text looks on a background with the YUV color 231.1210, -6.9617, -7.1221.



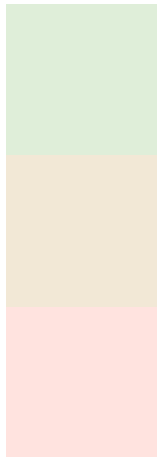
This preview shows how white text looks on a background with the YUV color 231.1210, -6.9617, -7.1221.

-7.1221.

# 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

231.1210, -6.9617, -7.1221

### Protanopia

232.9380, -9.3364, 7.9474

### Deuteranopia

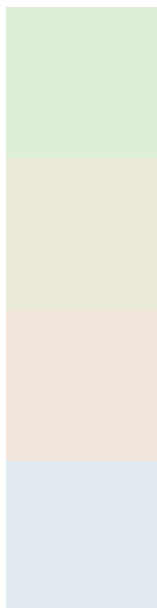
234.9160, -5.8746, 17.6137



## Tritanopia

233.5570, 8.5994, -4.8735

# Trichromacy



## Original Color

231.1210, -6.9617, -7.1221

## Protanomaly

232.1330, -8.4466, 2.5144

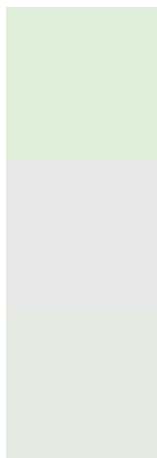
## Deuteranomaly

233.4480, -6.1369, 8.3771

## Tritanomaly

232.7650, 3.0739, -5.9329

# Monochromacy



## Original Color

231.1210, -6.9617, -7.1221

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.2940, -2.6099, -2.8888

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.1210, -6.9617, -7.1221 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, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(223, 238, 217)  
}
```

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, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 238, 217) }
```

## Border

The CSS property to change the border of an element to YUV 231.1210, -6.9617, -7.1221 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, 238, 217) }
```



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

```
.border{ border-color:rgb(223, 238, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 238, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 238, 217); box-shadow:4px 4px 4px 4px rgb(223, 238, 217) }
```

# Background

The CSS property to change the background color of an element to YUV 231.1210, -6.9617, -7.1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 238, 217) }
```

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

```
.background{ background-color: rgb(223,  
238, 217) }
```

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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