

Converting Colors

YUV(213.8530, -7.3225,
-31.4431)

Have a look what the booklet for
YUV(213.8530, -7.3225, -31.4431)
contains.

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Color

**YUV(213.8530, -7.3225,
-31.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	B2EBC7
RGB	178, 235, 199
RGB Percent	70%, 92%, 78%
CMY	0.3020, 0.0784, 0.2196
CMYK	0.24, 0.00, 0.15, 0.08
HSL	142°, 59%, 81%
HSV	142°, 24%, 92%
XYZ	58.3772, 73.0052, 65.0474
YIQ	213.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

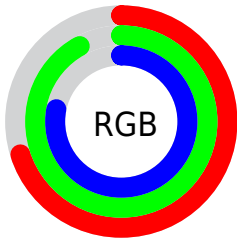
Format	Color
RYB	178, 220, 235
Decimal	11725767
CIELab	88.45, -25.20, 11.64
CIElCh	88, 27.760, 155.202
Yxy	73.0052, 0.2972, 0.3717
Android (android.graphics.Color)	4289915847 (0xFFB2EBC7)
YUV	213.8530, -7.3225, -31.4431
Hunter-Lab	85.4431, -27.5689, 14.6729

Details

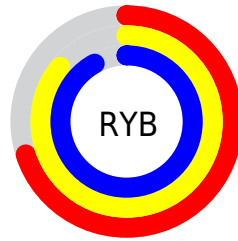
The YUV color **213.8530, -7.3225, -31.4431** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.1470, 7.3225, 31.4431**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0200, 2.9481, -12.2955**, and **158.6790, -6.7437, -30.4135** is the 20% darker color. If you saturate the color by 10%, you get **205.2660, -10.4841, -44.0833**, and if you desaturate by 10%, it is **222.7390, -4.3083, -18.1881**.

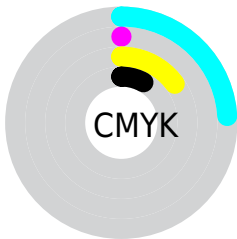
Distribution



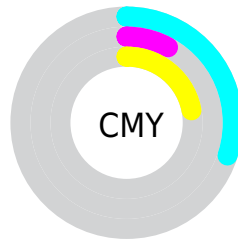
- Red (70%)
- Green (92%)
- Blue (78%)



- Red (70%)
- Yellow (86%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (30%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8530, -7.3225, -31.4431 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 213.8530, -7.3225, -31.4431 by changing the saturation by 10% instead.

 213.8530, -7.3225,
-31.4431


 213.8530, -7.3225,
-31.4431


255.0000, 0.0000,
0.0000


 186.2660, -7.0331,
-30.9283


 249.0200, 2.9481,
-12.2955

 158.6790, -6.7437,
-30.4135

 132.0920, -6.4544,
-29.8987

 106.6190, -5.7282,
-29.4839

 81.7330, -5.2914,
-29.5838

 56.9610, -4.4178,
-29.7838

 34.1890, -3.5442,

-29.9838

■ 19.4850, -9.1131,
-17.0883

■ 0.0000, 0.0000,
0.0000

■ 213.8530, -7.3225,
-31.4431

■ 213.8530, -7.3225,
-31.4431

■ 205.2660,
-10.4841, -44.0833

■ 222.7390, -4.3083,
-18.1881

■ 196.3800,
-13.4983, -57.3383

■ 231.3260, -1.1467,
-5.5479

■ 187.7930,
-16.6599, -69.9785

■ 240.2120, 1.8675,
7.7071

■ 179.0210,
-19.2374, -83.3334

■ 243.2600, 5.7878,
10.2960

■ 170.1350,
-22.2516, -96.5884

■ 161.5480,
-25.4132, -109.2286

■ 152.9610,
-28.5748, -121.8688

■ 147.8630,
-30.0055, -129.6759

Harmonies

Analogous

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



217.4940, -19.4705, -8.3262



213.8530, -7.3225, -31.4431



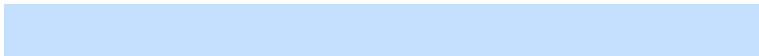
210.9290, 7.4300, -49.9267

Triad

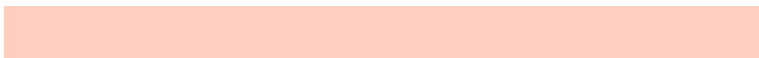
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.8530, -7.3225, -31.4431



218.8740, 17.8101, -19.1835



219.1690, -12.9013, 31.4238

Complementary

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



213.8530, -7.3225, -31.4431



199.1470, 7.3225, 31.4431

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.



220.2580, -1.1132, 30.4687



213.8530, -7.3225, -31.4431



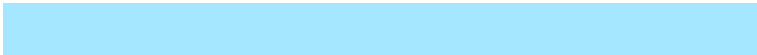
224.0560, 15.2554, 6.9669

Square

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



213.8530, -7.3225, -31.4431



213.7030, 20.3594, -43.5895



225.0970, 9.8122, 26.2249



221.2260, -22.7894, 29.6198

Rectangle

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



213.8530, -7.3225, -31.4431



210.7740, 15.8874, -55.9298



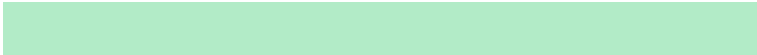
225.0970, 9.8122, 26.2249



218.9070, -8.8282, 31.6536

Sweetspot

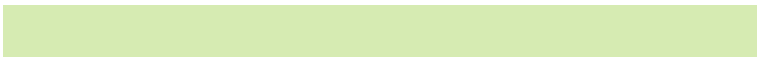
The Sweet Spot groups the original color and five complimentary colors.



213.8530, -7.3225, -31.4431



248.3640, -2.1515, -9.9662



222.2230, -21.8019, -7.2116



123.9130, -1.4361, -6.0627



0.0000, 0.0000, 0.0000



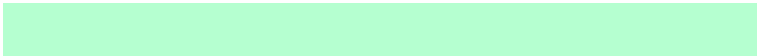
128.0000, 0.0000, 0.0000

Same Dimension

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



213.8530, -7.3225, -31.4431



227.5160, -9.6214, -40.7945



217.0450, 4.9078, -34.2425



112.9130, -1.4361, -6.0627



113.8850, -23.1143, -99.8771



33.9780, -6.8912, -29.7987

Inverse Universe

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



199.1470, 7.3225, 31.4431



208.4840, 9.6214, 40.7945



195.9550, -4.9078, 34.2425



110.0870, 1.4361, 6.0627



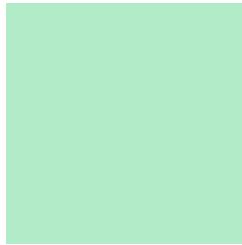
67.1150, 23.1143, 99.8771



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 213.8530, -7.3225, -31.4431 looks on a white background.

Color Contrast Check

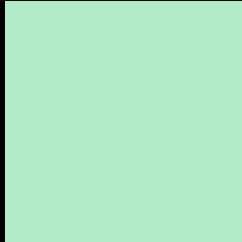
Large Text (above 18pt) WCAG AA × Fail

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 213.8530, -7.3225, -31.4431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

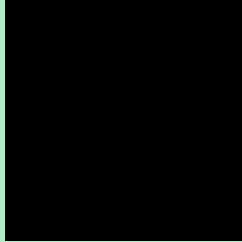
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

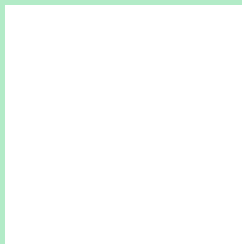
Any Text WCAG AAA ✓ Pass

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

YUV 213.8530, -7.3225, -31.4431 Background



This preview shows how black text looks on a background with the YUV color 213.8530, -7.3225, -31.4431.



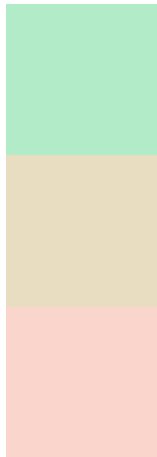
This preview shows how white text looks on a background with the YUV color 213.8530, -7.3225, -31.4431.

-31.4431.

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

213.8530, -7.3225, -31.4431

Protanopia

220.9830, -14.2886, 9.6619

Deuteranopia

222.6240, -9.6746, 23.1318



Tritanopia

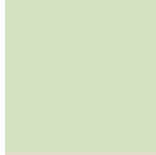
217.9070, 14.3428, -27.1054

Trichromacy



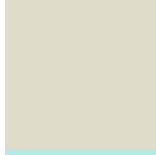
Original Color

213.8530, -7.3225, -31.4431



Protanomaly

218.2800, -11.4770, -5.5076



Deuteranomaly

219.4320, -8.5940, 3.1291



Tritanomaly

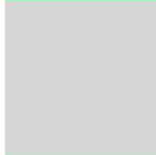
216.8330, 6.4913, -28.7945

Monochromacy



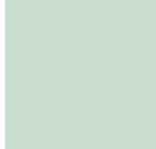
Original Color

213.8530, -7.3225, -31.4431



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.2390, -2.5828, -11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8530, -7.3225, -31.4431 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(178, 235, 199)` looks like.

```
.text, #text, p{  
    color:rgb(178, 235, 199)  
}
```

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(178, 235, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 235, 199) }
```

Border

The CSS property to change the border of an element to YUV 213.8530, -7.3225, -31.4431 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(178, 235, 199) }
```


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

```
.border{ border-color:rgb(178, 235, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 235, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(178, 235,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 213.8530, -7.3225, -31.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 235, 199) }
```

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

```
.background{ background-color: rgb(178,  
235, 199) }
```

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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