

Converting Colors

YUV(230.4770, -3.6862,
-31.1133)

Have a look what the booklet for
YUV(230.4770, -3.6862, -31.1133)
contains.

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Color

**YUV(230.4770, -3.6862,
-31.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FADF
RGB	195, 250, 223
RGB Percent	76%, 98%, 87%
CMY	0.2353, 0.0196, 0.1255
CMYK	0.22, 0.00, 0.11, 0.02
HSL	151°, 85%, 87%
HSV	151°, 22%, 98%
XYZ	70.0106, 85.3010, 82.5868
YIQ	230.4770, -24.1130, -20.0570

Conversions

Conversions Part 2

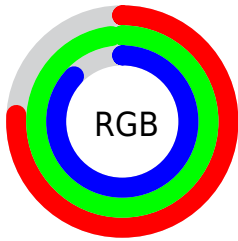
Format	Color
RYB	195, 231, 250
Decimal	12843743
CIELab	94.01, -22.64, 7.28
CIELCh	94, 23.779, 162.168
Yxy	85.3010, 0.2943, 0.3586
Android (android.graphics.Color)	4291033823 (0xFFC3FADF)
YUV	230.4770, -3.6862, -31.1133
Hunter-Lab	92.3586, -26.3191, 11.6340

Details

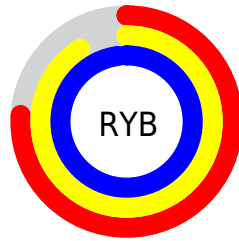
The YUV color $230.4770, -3.6862, -31.1133$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $214.5230, 3.6862, 31.1133$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $174.3030, -3.1074, -30.0837$ is the 20% darker color. If you saturate the color by 10%, you get $221.6340, -5.2426, -45.2830$, and if you desaturate by 10%, it is $239.3200, -2.1298, -16.9436$.

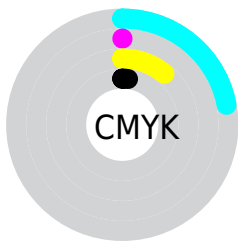
Distribution



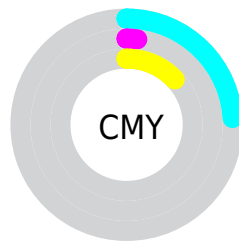
- Red (76%)
- Green (98%)
- Blue (87%)



- Red (76%)
- Yellow (91%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)




- Cyan (24%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4770, -3.6862, -31.1133 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 230.4770, -3.6862, -31.1133 by changing the saturation by 10% instead.

 230.4770, -3.6862,
-31.1133


 230.4770, -3.6862,
-31.1133

255.0000, 0.0000,
0.0000


 201.8900, -3.3968,
-30.5985


 254.1030, 0.4422,
-1.8443

 174.3030, -3.1074,
-30.0837

 147.6020, -3.2548,
-29.4690

 122.0150, -2.9654,
-28.9542

 96.4280, -2.6760,
-28.4394

 71.6560, -1.8024,
-28.6393

 47.2860, -0.6340,

-30.0688

■ 28.0910, -1.5239,
-24.6358

■ 13.5010, -6.6560,
-11.8404

■ 230.4770, -3.6862,
-31.1133

■ 230.4770, -3.6862,
-31.1133

■ 221.6340, -5.2426,
-45.2830

■ 239.3200, -2.1298,
-16.9436

■ 212.6770, -7.2358,
-59.3527

■ 248.2770, -0.1366,
-2.8739

■ 203.8340, -8.7922,
-73.5224

■ 252.0650, 1.4470,
2.5740

■ 194.9910,
-10.3486, -87.6921

■ 186.1480,
-11.9050, -101.8618

■ 177.1910,
-13.8982, -115.9315

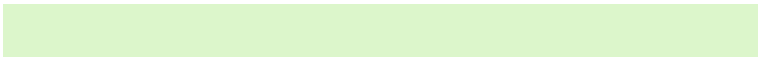
■ 168.3480,
-15.4546, -130.1012

■ 161.2280,
-16.8744, -141.3970

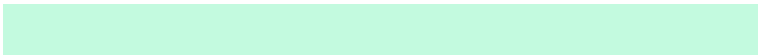
Harmonies

Analogous

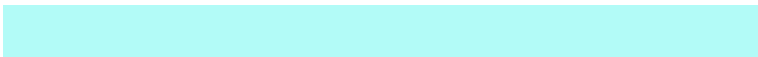
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3240, -14.9497, -11.6851



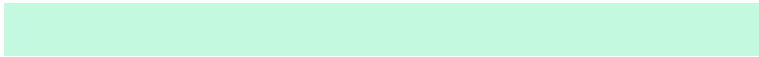
230.4770, -3.6862, -31.1133



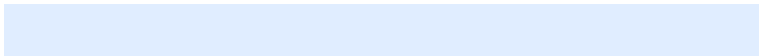
228.7170, 9.0135, -44.4788

Triad

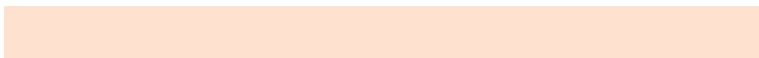
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.4770, -3.6862, -31.1133



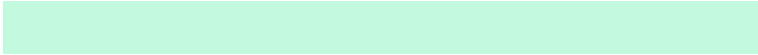
235.1650, 9.7787, -9.7917



232.0320, -11.8478, 20.1429

Complementary

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



230.4770, -3.6862, -31.1133



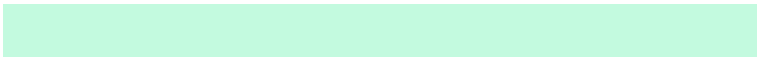
214.5230, 3.6862, 31.1133

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.



232.6650, -1.8068, 19.5878



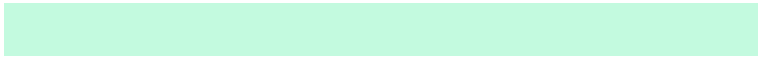
230.4770, -3.6862, -31.1133



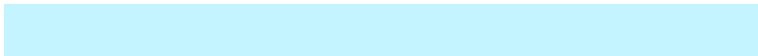
239.1400, 7.8190, 12.1552

Square

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



230.4770, -3.6862, -31.1133



230.6030, 12.0277, -31.2238



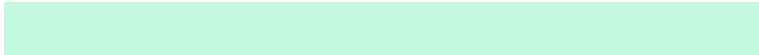
235.8740, 7.9501, 16.7735



234.6590, -19.5519, 17.8391

Rectangle

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



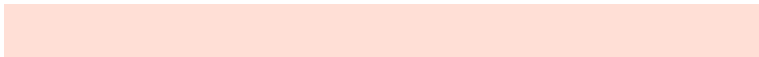
230.4770, -3.6862, -31.1133



228.4440, 13.0921, -45.9934



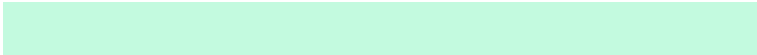
235.8740, 7.9501, 16.7735



231.5420, -8.6482, 20.5727

Sweetspot

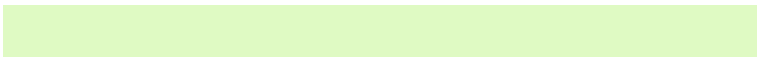
The Sweet Spot groups the original color and five complimentary colors.



230.4770, -3.6862, -31.1133



248.5920, -1.2779, -10.1662



235.6570, -20.0439, -11.1002



124.0270, -0.9993, -6.1627



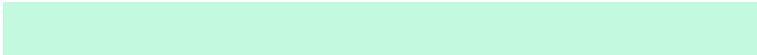
0.0000, 0.0000, 0.0000



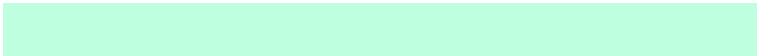
128.0000, 0.0000, 0.0000

Same Dimension

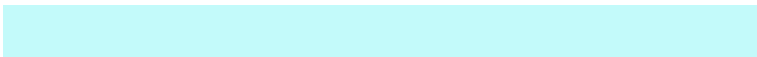
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4770, -3.6862, -31.1133



231.5040, -4.6855, -37.2760



233.5550, 8.1074, -33.8127



120.4290, -0.7045, -7.3922



121.8870, -12.7623, -106.8949



39.3410, -4.1121, -34.5021

Inverse Universe

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



214.5230, 3.6862, 31.1133



212.3820, 4.2487, 37.3760



211.4450, -8.1074, 33.8127



116.6850, 1.1413, 7.2923



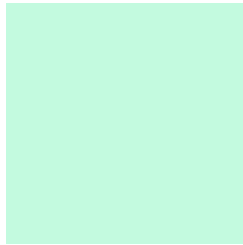
67.1130, 12.7623, 106.8949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 230.4770, -3.6862, -31.1133 looks on a white background.

Color Contrast Check

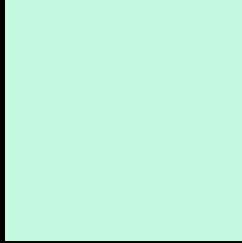
Large Text (above 18pt) WCAG AA × Fail

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 230.4770, -3.6862, -31.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

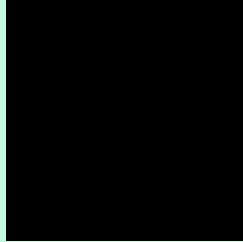
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.4770, -3.6862, -31.1133

Background



This preview shows how black text looks on a background with the YUV color 230.4770, -3.6862, -31.1133.



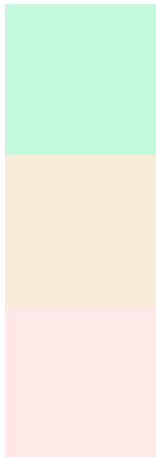
This preview shows how white text looks on a background with the YUV color 230.4770, -3.6862, -31.1133.

-31.1133.

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

230.4770, -3.6862, -31.1133

Protanopia

236.7100, -10.2100, 8.1473

Deuteranopia

238.7630, -3.8272, 14.2398



Tritanopia

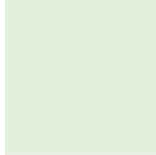
235.4090, 9.6584, -17.8987

Trichromacy



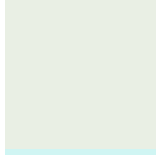
Original Color

230.4770, -3.6862, -31.1133



Protanomaly

234.3060, -7.5459, -6.4074



Deuteranomaly

235.9520, -3.9203, -2.5889



Tritanomaly

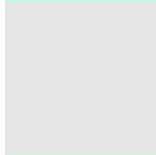
233.7090, 4.5805, -22.5468

Monochromacy



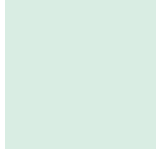
Original Color

230.4770, -3.6862, -31.1133



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4770, -3.6862, -31.1133 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(195, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(195, 250, 223)  
}
```

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(195, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 250, 223) }
```

Border

The CSS property to change the border of an element to YUV 230.4770, -3.6862, -31.1133 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(195, 250, 223) }
```


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

```
.border{ border-color:rgb(195, 250, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 250, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 250, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 250, 223);  
box-shadow:4px 4px 4px 4px rgb(195, 250,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 230.4770, -3.6862, -31.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 250, 223) }
```

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

```
.background{ background-color: rgb(195,  
250, 223) }
```

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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