

Converting Colors

YUV(230.8130, 0.0922,
-29.6540)

Have a look what the booklet for
YUV(230.8130, 0.0922, -29.6540)
contains.

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Color

**YUV(230.8130, 0.0922,
-29.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F8E7
RGB	197, 248, 231
RGB Percent	77%, 97%, 91%
CMY	0.2275, 0.0275, 0.0941
CMYK	0.21, 0.00, 0.07, 0.03
HSL	160°, 78%, 87%
HSV	160°, 21%, 97%
XYZ	71.0172, 84.7746, 88.2214
YIQ	230.8130, -24.9390, -16.0990

Conversions

Conversions Part 2

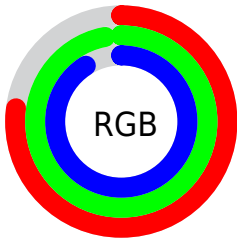
Format	Color
RYB	197, 228, 248
Decimal	12974311
CIELab	93.79, -19.51, 2.83
CIELCh	94, 19.710, 171.734
Yxy	84.7746, 0.2910, 0.3474
Android (android.graphics.Color)	4291164391 (0xFFC5F8E7)
YUV	230.8130, 0.0922, -29.6540
Hunter-Lab	92.0731, -23.4487, 7.6415

Details

The YUV color $230.8130, 0.0922, -29.6540$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.1870, -0.0922, 29.6540$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $174.5250, 0.2342, -28.5244$ is the 20% darker color. If you saturate the color by 10%, you get $222.4260, 0.2830, -44.2236$, and if you desaturate by 10%, it is $239.2000, -0.0986, -15.0844$.

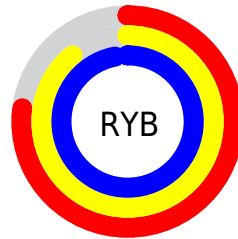
Distribution



Red (77%)

Green (97%)

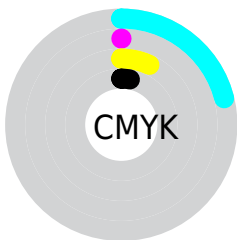
Blue (91%)



Red (77%)

Yellow (89%)

Blue (97%)

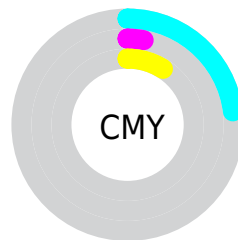


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (3%)



Cyan (23%)

Magenta (3%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8130, 0.0922, -29.6540 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 230.8130, 0.0922, -29.6540 by changing the saturation by 10% instead.

230.8130, 0.0922,
-29.6540

230.8130, 0.0922,
-29.6540

255.0000, 0.0000,
0.0000

202.2260, 0.3816,
-29.1392

254.7010, 0.1474,
-0.6148

174.5250, 0.2342,
-28.5244

147.9380, 0.5236,
-28.0096

122.2370, 0.3762,
-27.3948

96.6500, 0.6656,
-26.8800

72.3510, 0.8130,
-27.4948

48.2800, 1.8340,

-28.3096

■ 28.1880, 1.3863,
-24.7209

■ 13.5980, -3.7458,
-11.9254

■ 230.8130, 0.0922,
-29.6540

■ 230.8130, 0.0922,
-29.6540

■ 222.4260, 0.2830,
-44.2236

■ 239.2000, -0.0986,
-15.0844

■ 213.9250, 0.0370,
-58.6932

■ 247.7010, 0.1474,
-0.6148

■ 205.8370, 0.0804,
-72.6480

■ 250.8910, 2.0257,
3.6036

■ 197.4500, 0.2712,
-87.2176

■ 189.0630, 0.4619,
-101.7873

■ 180.5620, 0.2159,
-116.2569

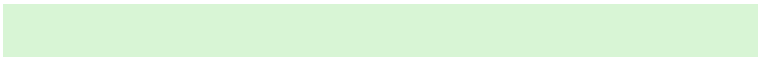
■ 172.1750, 0.4067,
-130.8265

■ 164.3860, 0.3027,
-144.1665

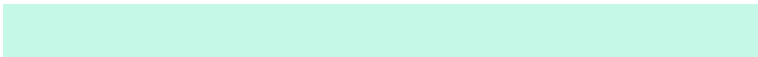
Harmonies

Analogous

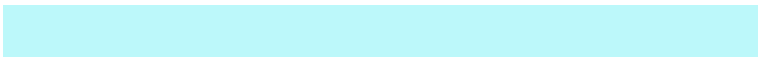
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.6810, -9.7027, -14.6292



230.8130, 0.0922, -29.6540



230.2880, 9.7180, -37.0866

Triad

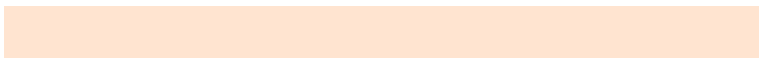
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.8130, 0.0922, -29.6540



236.3940, 9.1728, -2.0995



233.7930, -12.7159, 18.5985

Complementary

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



230.8130, 0.0922, -29.6540



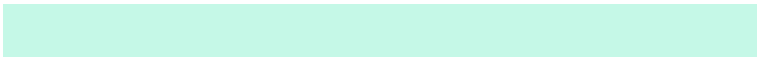
214.1870, -0.0922, 29.6540

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.



233.8560, -4.8590, 18.5433



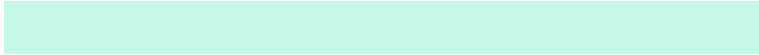
230.8130, 0.0922, -29.6540



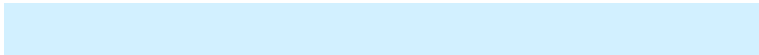
239.1510, 7.8136, 13.8996

Square

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



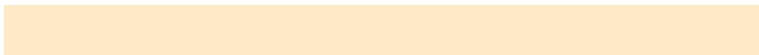
230.8130, 0.0922, -29.6540



232.7400, 10.9742, -19.9430



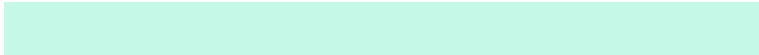
235.4350, 3.7295, 17.1585



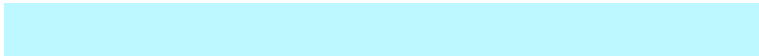
236.4030, -17.9467, 16.3096

Rectangle

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



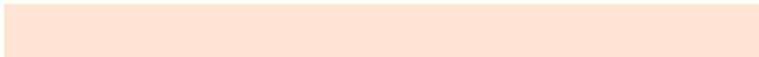
230.8130, 0.0922, -29.6540



230.5700, 12.0440, -36.4569



235.4350, 3.7295, 17.1585



233.7760, -10.2426, 18.6134

Sweetspot

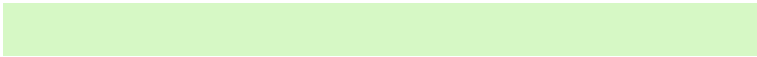
The Sweet Spot groups the original color and five complimentary colors.



230.8130, 0.0922, -29.6540



249.9450, 0.0271, -8.7218



232.0200, -17.2649, -15.8035



124.9670, 0.0163, -5.2331



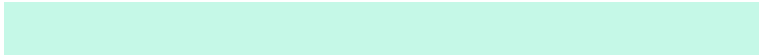
0.0000, 0.0000, 0.0000



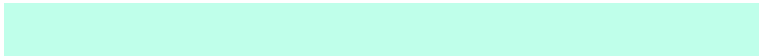
128.0000, 0.0000, 0.0000

Same Dimension

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



230.8130, 0.0922, -29.6540



233.4700, 0.2613, -37.2462



228.0550, 9.8329, -27.2352



120.6570, 0.1691, -7.5922



125.3070, 0.3416, -109.8942



40.4810, 0.2559, -35.5018

Inverse Universe

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



214.1870, -0.0922, 29.6540



212.6440, 0.1755, 37.1462



217.5320, -10.1223, 26.7204



116.4570, 0.2677, 7.4922



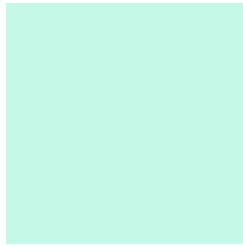
63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 230.8130, 0.0922, -29.6540 looks on a white background.

Color Contrast Check

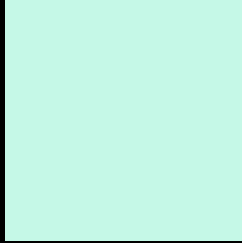
Large Text (above 18pt) WCAG AA × Fail

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 230.8130, 0.0922, -29.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

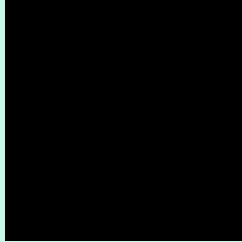
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

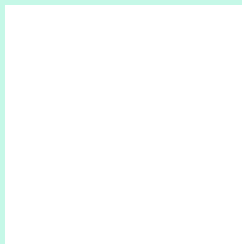
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.8130, 0.0922, -29.6540

Background



This preview shows how black text looks on a background with the YUV color 230.8130, 0.0922, -29.6540.



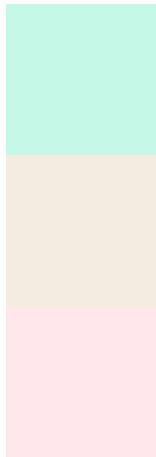
This preview shows how white text looks on a background with the YUV color 230.8130, 0.0922, -29.6540.

-29.6540.

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

230.8130, 0.0922, -29.6540

Protanopia

237.0240, -6.4208, 6.1180

Deuteranopia

238.6320, -1.7906, 14.3547



Tritanopia

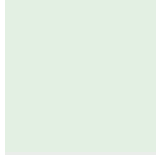
234.5230, 10.0952, -17.9987

Trichromacy



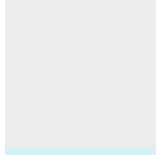
Original Color

230.8130, 0.0922, -29.6540



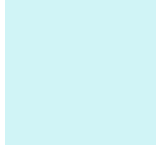
Protanomaly

234.6310, -3.7621, -6.6924



Deuteranomaly

235.7610, -0.8682, -1.5444



Tritanomaly

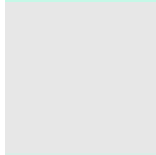
233.4640, 6.1802, -22.3319

Monochromacy



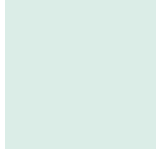
Original Color

230.8130, 0.0922, -29.6540



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

230.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8130, 0.0922, -29.6540 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(197, 248, 231)` looks like.

```
.text, #text, p{  
    color:rgb(197, 248, 231)  
}
```

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(197, 248, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 248, 231) }
```

Border

The CSS property to change the border of an element to YUV 230.8130, 0.0922, -29.6540 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(197, 248, 231) }
```


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

```
.border{ border-color:rgb(197, 248, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 248, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 248, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 248, 231);  
box-shadow:4px 4px 4px 4px rgb(197, 248,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 230.8130, 0.0922, -29.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 248, 231) }
```

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

```
.background{ background-color: rgb(197,  
248, 231) }
```

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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