

Converting Colors

YUV(230.1830, -1.0762,
-28.2245)

Have a look what the booklet for
YUV(230.1830, -1.0762, -28.2245)
contains.

YUV(230.1830, -1.0762, -28.2245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(230.1830, -1.0762,
-28.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F7E4
RGB	198, 247, 228
RGB Percent	78%, 97%, 89%
CMY	0.2235, 0.0314, 0.1059
CMYK	0.20, 0.00, 0.08, 0.03
HSL	157°, 75%, 87%
HSV	157°, 20%, 97%
XYZ	70.5531, 84.1287, 85.9187
YIQ	230.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

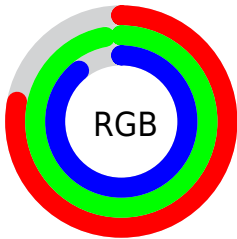
Format	Color
RYB	198, 228, 247
Decimal	13039588
CIELab	93.51, -19.29, 3.99
CIElCh	94, 19.699, 168.319
Yxy	84.1287, 0.2932, 0.3497
Android (android.graphics.Color)	4291229668 (0xFFC6F7E4)
YUV	230.1830, -1.0762, -28.2245
Hunter-Lab	91.7217, -23.2094, 8.6663

Details

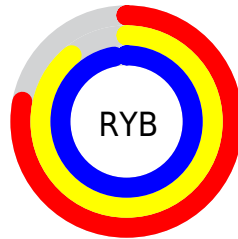
The YUV color **230.1830, -1.0762, -28.2245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **214.8170, 1.0762, 28.2245**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **174.5960, -0.7868, -27.7097** is the 20% darker color. If you saturate the color by 10%, you get **221.5680, -1.7590, -42.5941**, and if you desaturate by 10%, it is **238.7980, -0.3934, -13.8548**.

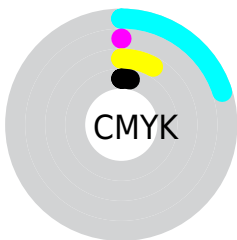
Distribution



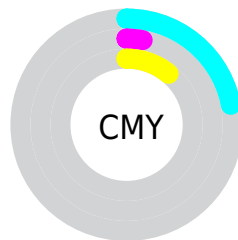
- Red (78%)
- Green (97%)
- Blue (89%)



- Red (78%)
- Yellow (89%)
- Blue (97%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (22%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1830, -1.0762, -28.2245 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 230.1830, -1.0762, -28.2245 by changing the saturation by 10% instead.

■ 230.1830, -1.0762,
-28.2245

■ 230.1830, -1.0762,
-28.2245

255.0000, 0.0000,
0.0000

■ 201.5960, -0.7868,
-27.7097

■ 174.5960, -0.7868,
-27.7097

■ 147.3080, -0.6448,
-26.5801

■ 121.6070, -0.7923,
-25.9653

■ 96.1340, -0.0661,
-25.5505

■ 72.1340, -0.0661,
-25.5505

■ 48.0630, 0.9549,

-26.3653

■ 27.3730, 0.8021,
-24.0061

■ 12.5550, -5.2036,
-11.0107

■ 230.1830, -1.0762,
-28.2245

■ 230.1830, -1.0762,
-28.2245

■ 221.5680, -1.7590,
-42.5941

■ 238.7980, -0.3934,
-13.8548

■ 213.3660, -2.1524,
-56.4490

■ 247.0000, 0.0000,
0.0000

■ 204.7510, -2.8352,
-70.8186

■ 250.3040, 2.3151,
4.1184

■ 196.2500, -3.0812,
-85.2883

■ 187.9340, -3.9115,
-99.0431

■ 179.4330, -4.1575,
-113.5127

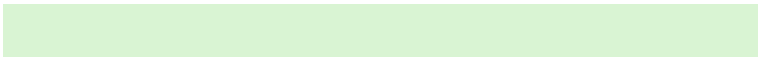
■ 170.8180, -4.8403,
-127.8824

■ 162.2030, -5.5231,
-142.2520

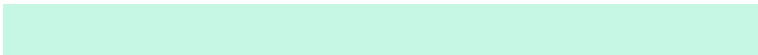
Harmonies

Analogous

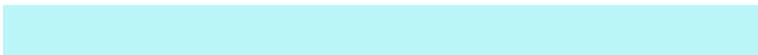
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.1650, -10.4343, -13.2997



230.1830, -1.0762, -28.2245



229.1740, 9.2812, -36.9866

Triad

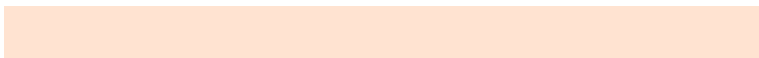
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1830, -1.0762, -28.2245



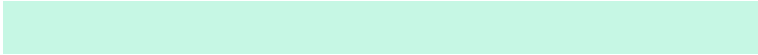
235.1980, 9.7624, -4.5586



233.3200, -11.9898, 19.0134

Complementary

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



230.1830, -1.0762, -28.2245



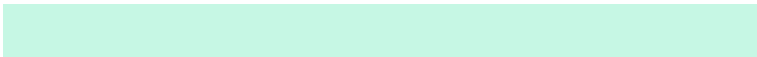
214.8170, 1.0762, 28.2245

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.



233.3830, -4.1328, 18.9581



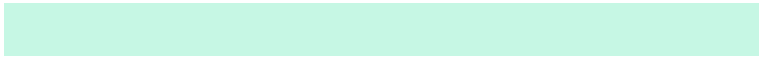
230.1830, -1.0762, -28.2245



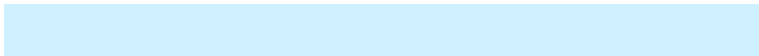
238.8520, 7.9610, 13.2848

Square

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



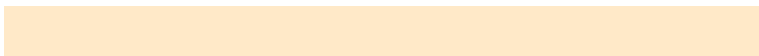
230.1830, -1.0762, -28.2245



231.8430, 11.4164, -21.7873



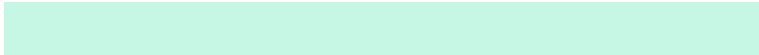
235.6630, 4.6031, 16.9585



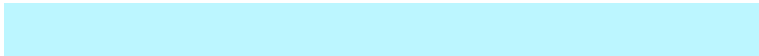
235.8160, -17.6573, 16.8244

Rectangle

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



230.1830, -1.0762, -28.2245



229.6840, 12.4808, -36.5569



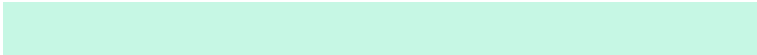
235.6630, 4.6031, 16.9585



232.7160, -9.2270, 19.5431

Sweetspot

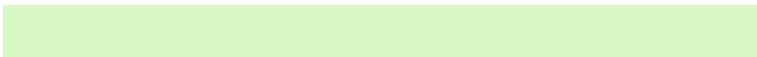
The Sweet Spot groups the original color and five complimentary colors.



230.1830, -1.0762, -28.2245



249.8310, -0.4097, -8.6218



232.7430, -17.1283, -12.9296



124.8530, -0.4205, -5.1331



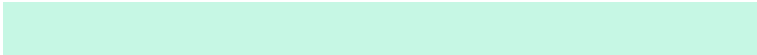
0.0000, 0.0000, 0.0000



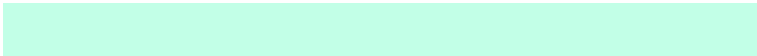
128.0000, 0.0000, 0.0000

Same Dimension

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



230.1830, -1.0762, -28.2245



234.0250, -1.4913, -35.1019



229.4140, 8.6699, -27.5501



117.9560, 0.0217, -6.9774



122.1780, -4.0318, -107.1501



38.7370, -1.3493, -33.9723

Inverse Universe

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



214.8170, 1.0762, 28.2245



214.9750, 1.4913, 35.1019



215.5860, -8.6699, 27.5501



114.1580, 0.4151, 6.8774



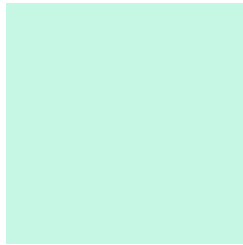
63.8220, 4.0318, 107.1501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 230.1830, -1.0762, -28.2245 looks on a white background.

Color Contrast Check

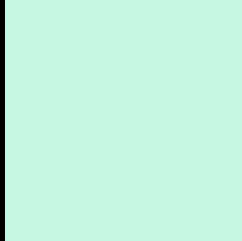
Large Text (above 18pt) WCAG AA × Fail

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 230.1830, -1.0762, -28.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

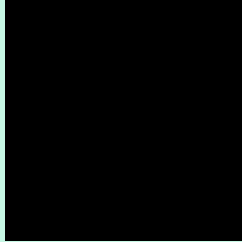
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

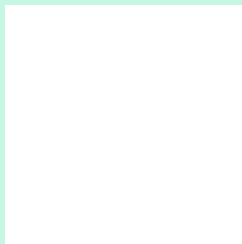
Any Text WCAG AAA ✓ Pass

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

YUV 230.1830, -1.0762, -28.2245 Background



This preview shows how black text looks on a background with the YUV color 230.1830, -1.0762, -28.2245.



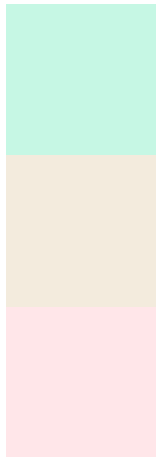
This preview shows how white text looks on a background with the YUV color 230.1830, -1.0762, -28.2245.

-28.2245.

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

230.1830, -1.0762, -28.2245

Protanopia

235.7960, -7.2944, 6.3179

Deuteranopia

237.8170, -2.3748, 15.0695



Tritanopia

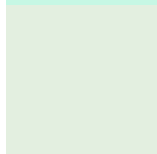
233.6370, 10.5320, -18.0986

Trichromacy



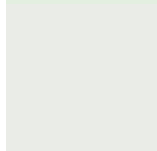
Original Color

230.1830, -1.0762, -28.2245



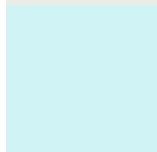
Protanomaly

233.7020, -4.7831, -5.8777



Deuteranomaly

234.8320, -1.8892, -0.7297



Tritanomaly

232.7630, 6.0328, -21.7172

Monochromacy



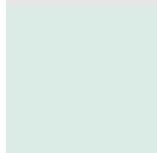
Original Color

230.1830, -1.0762, -28.2245



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.8200, -0.4043, -10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1830, -1.0762, -28.2245 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(198, 247, 228)` looks like.

```
.text, #text, p{  
    color:rgb(198, 247, 228)  
}
```

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(198, 247, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 247, 228) }
```

Border

The CSS property to change the border of an element to YUV 230.1830, -1.0762, -28.2245 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(198, 247, 228) }
```


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

```
.border{ border-color:rgb(198, 247, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 247, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 247, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 247, 228);  
box-shadow:4px 4px 4px 4px rgb(198, 247,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 230.1830, -1.0762, -28.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 247, 228) }
```

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

```
.background{ background-color: rgb(198,  
247, 228) }
```

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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