

Converting Colors

YUV(222.7120, 13.4530,
-21.6724)

Have a look what the booklet for
YUV(222.7120, 13.4530, -21.6724)
contains.

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Color

**YUV(222.7120, 13.4530,
-21.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E6FA
RGB	198, 230, 250
RGB Percent	78%, 90%, 98%
CMY	0.2235, 0.0980, 0.0196
CMYK	0.21, 0.08, 0.00, 0.02
HSL	203°, 84%, 88%
HSV	203°, 21%, 98%
XYZ	68.8408, 75.5015, 101.3874
YIQ	222.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

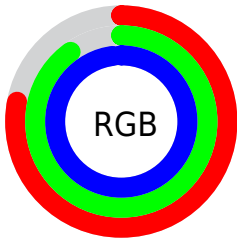
Format	Color
R _Y B	198, 218, 250
Decimal	13035258
CIE Lab	89.63, -6.26, -13.18
CIE LCh	90, 14.597, 244.590
Yxy	75.5015, 0.2801, 0.3073
Android (android.graphics.Color)	4291225338 (0xFFC6E6FA)
YUV	222.7120, 13.4530, -21.6724
Hunter-Lab	86.8916, -10.6417, -8.3570

Details

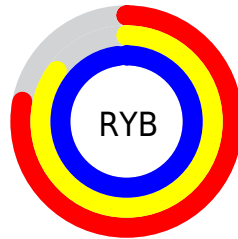
The YUV color $222.7120, 13.4530, -21.6724$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.2880, -13.4530, 21.6724$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.5980, 13.0162, -21.5724$ is the 20% darker color. If you saturate the color by 10%, you get $209.3670, 20.0321, -31.8939$, and if you desaturate by 10%, it is $236.0570, 6.8739, -11.4510$.

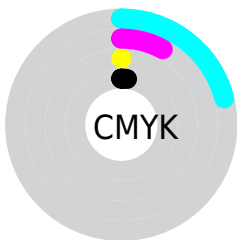
Distribution



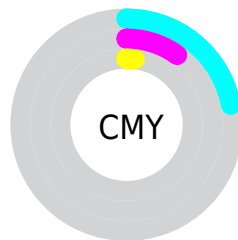
- Red (78%)
- Green (90%)
- Blue (98%)



- Red (78%)
- Yellow (85%)
- Blue (98%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7120, 13.4530, -21.6724 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 222.7120, 13.4530, -21.6724 by changing the saturation by 10% instead.

■ 222.7120, 13.4530,
-21.6724

■ 222.7120, 13.4530,
-21.6724

255.0000, 0.0000,
0.0000

■ 194.5980, 13.0162,
-21.5724

■ 167.5980, 13.0162,
-21.5724

■ 140.7830, 12.4320,
-20.8577

■ 115.0820, 12.2846,
-20.2429

■ 89.9680, 11.8478,
-20.1429

■ 66.5550, 11.5584,
-20.6577

■ 42.8430, 11.4164,

-21.7873

■ 22.6260, 10.5374,
-19.8430

■ 3.3230, 10.1938,
-2.9143

■ 222.7120, 13.4530,
-21.6724

■ 222.7120, 13.4530,
-21.6724

■ 209.3670, 20.0321,
-31.8939

■ 236.0570, 6.8739,
-11.4510

■ 196.6090, 26.3218,
-42.6301

■ 248.8150, 0.5842,
-0.7148

■ 183.2640, 32.9008,
-52.8515

■ 254.4300, -2.1840,
0.4999

■ 170.5060, 39.1905,
-63.5878

■ 157.1610, 45.7696,
-73.8092

■ 143.8160, 52.3487,
-84.0306

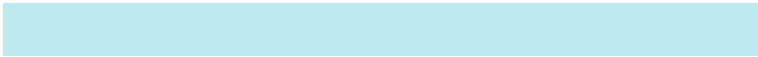
■ 131.0580, 58.6384,
-94.7669

■ 118.8980, 64.6333,
-104.2735

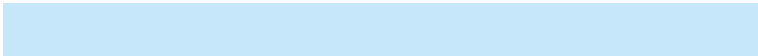
Harmonies

Analogous

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



221.0550, 9.8329, -27.2352



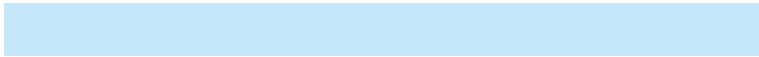
222.7120, 13.4530, -21.6724



225.1910, 13.7098, -10.6915

Triad

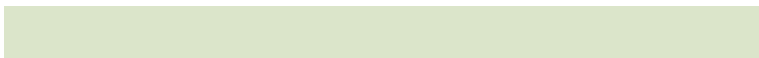
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.7120, 13.4530, -21.6724



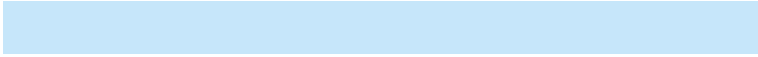
228.2740, -2.1071, 22.5617



222.9320, -10.3195, -3.4484

Complementary

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



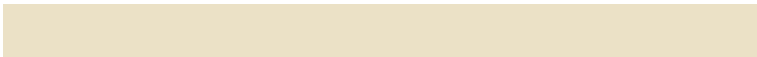
222.7120, 13.4530, -21.6724



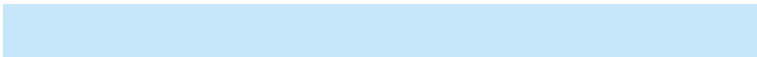
225.2880, -13.4530, 21.6724

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.



224.9120, -13.2676, 8.8472



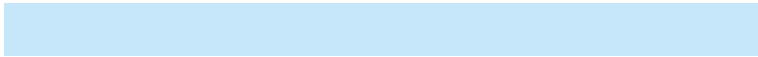
222.7120, 13.4530, -21.6724



227.5640, -8.6591, 24.0614

Square

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



222.7120, 13.4530, -21.6724



228.0650, 4.8980, 15.7290



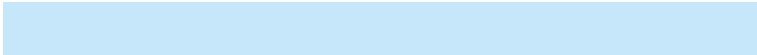
226.2060, -12.4266, 19.1133



221.1630, -4.0244, -15.9290

Rectangle

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



222.7120, 13.4530, -21.6724



226.7900, 11.9355, -1.5698



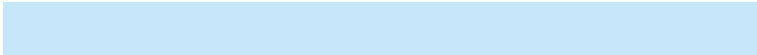
226.2060, -12.4266, 19.1133



223.6120, -11.6407, 0.3403

Sweetspot

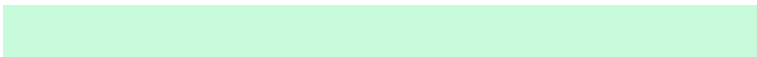
The Sweet Spot groups the original color and five complimentary colors.



222.7120, 13.4530, -21.6724



246.9930, 3.9475, -6.1329



230.8040, -6.3124, -28.7691



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



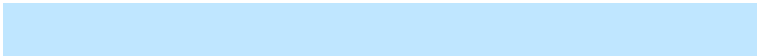
128.0000, 0.0000, 0.0000

Same Dimension

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



222.7120, 13.4530, -21.6724



221.1890, 16.6688, -26.4758



207.4500, 20.9772, -8.2876



118.1780, 3.3632, -5.4181



89.6380, 48.9855, -78.6125



29.2600, 15.6478, -25.6610

Inverse Universe

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



217.1960, 6.3124, 28.7691



214.5820, 7.6011, 35.4466



240.5500, -20.9771, 8.2877



116.7990, 1.5781, 7.1923



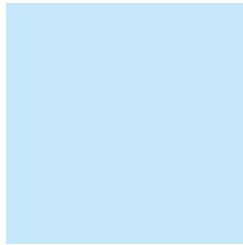
69.7350, 22.8086, 104.5954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 222.7120, 13.4530, -21.6724 looks on a white background.

Color Contrast Check

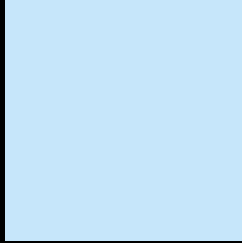
Large Text (above 18pt) WCAG AA × Fail

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 222.7120, 13.4530, -21.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

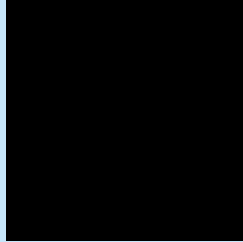
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

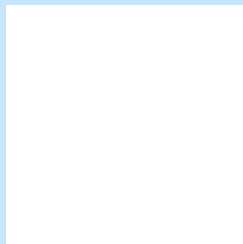
Any Text WCAG AAA ✓ Pass

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

YUV 222.7120, 13.4530, -21.6724 Background



This preview shows how black text looks on a background with the YUV color 222.7120, 13.4530, -21.6724.



This preview shows how white text looks on a background with the YUV color 222.7120, 13.4530, -21.6724.

-21.6724.

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

222.7120, 13.4530, -21.6724

Protanopia

225.6220, 10.0464, -2.2995

Deuteranopia

227.2470, 12.2032, 5.9224



Tritanopia

222.5980, 13.0162, -21.5724

Trichromacy



Original Color

222.7120, 13.4530, -21.6724

Protanomaly

224.8060, 10.9416, -9.4769

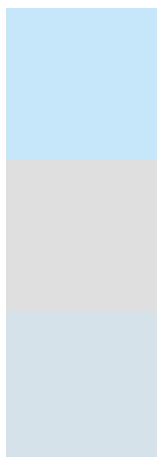
Deuteranomaly

225.5940, 12.5252, -4.0289

Tritanomaly

222.5980, 13.0162, -21.5724

Monochromacy



Original Color

222.7120, 13.4530, -21.6724

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

223.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7120, 13.4530, -21.6724 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, 230, 250)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 250)  
}
```

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, 230, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 250) }
```

Border

The CSS property to change the border of an element to YUV 222.7120, 13.4530, -21.6724 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, 230, 250) }
```


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

```
.border{ border-color:rgb(198, 230, 250) }
```

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

Here you see how a box with a 4 pixel rgb(198, 230, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 222.7120, 13.4530, -21.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 250) }
```

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

```
.background{ background-color: rgb(198,  
230, 250) }
```

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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