

Converting Colors

YUV(222.4570, 13.5787,
-15.3098)

Have a look what the booklet for
YUV(222.4570, 13.5787, -15.3098)
contains.

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Color

**YUV(222.4570, 13.5787,
-15.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE2FA
RGB	205, 226, 250
RGB Percent	80%, 89%, 98%
CMY	0.1961, 0.1137, 0.0196
CMYK	0.18, 0.10, 0.00, 0.02
HSL	212°, 82%, 89%
HSV	212°, 18%, 98%
XYZ	69.6285, 74.2740, 101.1090
YIQ	222.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

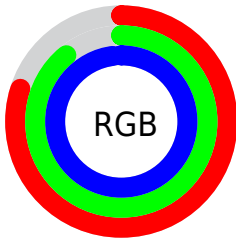
Format	Color
RYB	205, 219, 250
Decimal	13492986
CIELab	89.05, -2.08, -14.00
CIELCh	89, 14.151, 261.563
Yxy	74.2740, 0.2842, 0.3031
Android (android.graphics.Color)	4291683066 (0xFFCDE2FA)
YUV	222.4570, 13.5787, -15.3098
Hunter-Lab	86.1824, -6.6053, -9.2313

Details

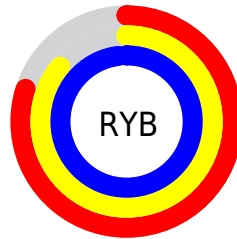
The YUV color **222.4570, 13.5787, -15.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232.5430, -13.5787, 15.3098**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **167.3430, 13.1419, -15.2098** is the 20% darker color. If you saturate the color by 10%, you get **207.3510, 21.0260, -23.9868**, and if you desaturate by 10%, it is **237.5630, 6.1314, -6.6328**.

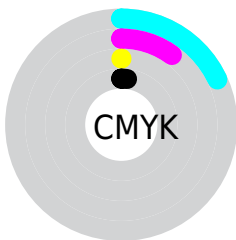
Distribution



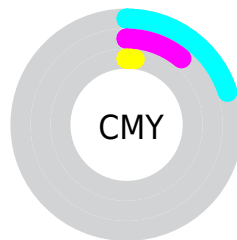
- Red (80%)
- Green (89%)
- Blue (98%)



- Red (80%)
- Yellow (86%)
- Blue (98%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4570, 13.5787, -15.3098 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 222.4570, 13.5787, -15.3098 by changing the saturation by 10% instead.

■ 222.4570, 13.5787,
-15.3098

■ 222.4570, 13.5787,
-15.3098

255.0000, 0.0000,
0.0000

■ 194.3430, 13.1419,
-15.2098

■ 167.3430, 13.1419,
-15.2098

■ 140.5280, 12.5577,
-14.4951

■ 115.4140, 12.1209,
-14.3951

■ 90.3000, 11.6841,
-14.2951

■ 66.3000, 11.6841,
-14.2951

■ 43.7730, 10.9579,

-14.7099

■ 22.0610, 10.8159,
-15.8395

■ 3.3230, 10.1938,
-2.9143

■ 222.4570, 13.5787,
-15.3098

■ 222.4570, 13.5787,
-15.3098

■ 207.3510, 21.0260,
-23.9868

■ 237.5630, 6.1314,
-6.6328

■ 191.6580, 28.7626,
-32.1491

■ 253.2560, -1.6052,
1.5295

■ 176.5520, 36.2099,
-40.8261

■ 254.4300, -2.1840,
0.4999

■ 161.4460, 43.6571,
-49.5031

■ 145.7530, 51.3938,
-57.6654

■ 130.6470, 58.8410,
-66.3424

■ 115.5410, 66.2883,
-75.0195

■ 99.8480, 74.0249,
-83.1817

■ 97.1790, 75.3408,
-85.2260

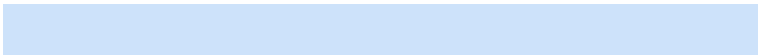
Harmonies

Analogous

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



220.5330, 11.5692, -24.1464



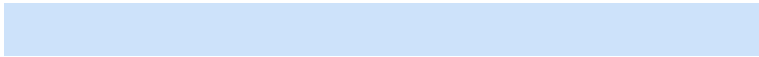
222.4570, 13.5787, -15.3098



225.0780, 11.7935, -2.6994

Triad

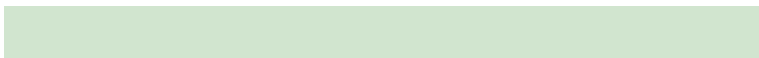
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.4570, 13.5787, -15.3098



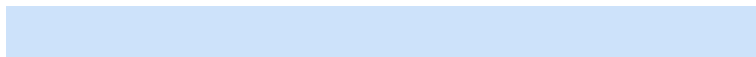
226.2480, -6.0383, 23.4615



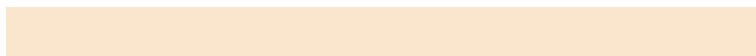
220.5120, -6.6614, -10.0960

Complementary

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



222.4570, 13.5787, -15.3098



232.5430, -13.5787, 15.3098

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.



222.3240, -11.4987, 1.4699



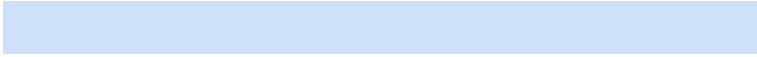
222.4570, 13.5787, -15.3098



224.9720, -10.8322, 21.0726

Square

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



222.4570, 13.5787, -15.3098



226.6480, 0.6665, 19.6027



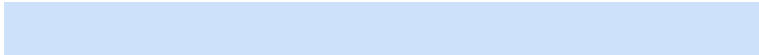
223.6460, -13.1365, 13.4655



219.7540, -0.3717, -20.8323

Rectangle

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



222.4570, 13.5787, -15.3098



226.0360, 8.8563, 6.1074



223.6460, -13.1365, 13.4655



220.9640, -8.8563, -6.1074

Sweetspot

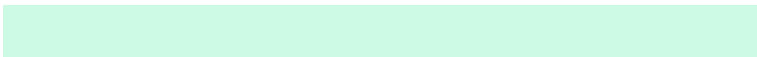
The Sweet Spot groups the original color and five complimentary colors.



222.4570, 13.5787, -15.3098



247.0040, 3.9420, -4.3885



234.1510, -2.5394, -25.5654



122.6730, 2.6262, -2.3442



0.0000, 0.0000, 0.0000



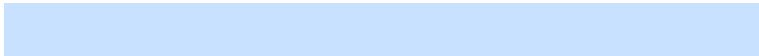
128.0000, 0.0000, 0.0000

Same Dimension

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



222.4570, 13.5787, -15.3098



220.6460, 16.9365, -18.9835



210.7280, 19.3611, -3.2695



117.0040, 3.9420, -4.3885



73.2020, 57.0884, -64.1982



23.9770, 18.2523, -21.0278

Inverse Universe

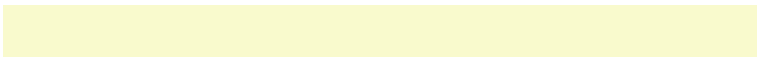
The Inverse Universe completely reimagines the original color for something new.



220.8490, 2.5394, 25.5654



218.7080, 3.1020, 31.8281



244.5710, -19.5085, 3.8842



116.5710, 0.7045, 7.3922



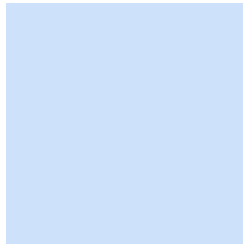
66.5430, 10.5783, 107.3948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 222.4570, 13.5787, -15.3098 looks on a white background.

Color Contrast Check

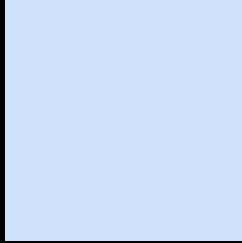
Large Text (above 18pt) WCAG AA × Fail

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 222.4570, 13.5787, -15.3098 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

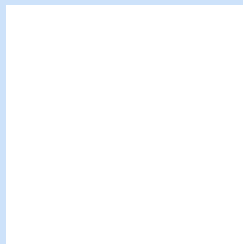
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.4570, 13.5787, -15.3098

Background



This preview shows how black text looks on a background with the YUV color 222.4570, 13.5787, -15.3098.



This preview shows how white text looks on a background with the YUV color 222.4570, 13.5787, -15.3098.

-15.3098.

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

222.4570, 13.5787, -15.3098

Protanopia

224.2520, 11.2148, -3.7290

Deuteranopia

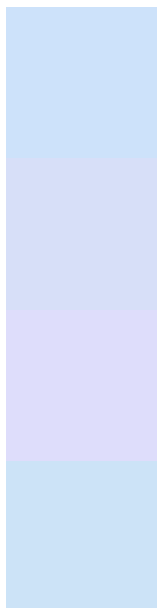
226.0620, 12.7874, 5.2076



Tritanopia

222.1750, 11.2527, -15.9395

Trichromacy



Original Color

222.4570, 13.5787, -15.3098

Protanomaly

223.4580, 12.0992, -7.4177

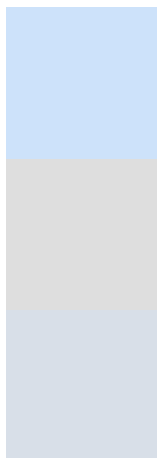
Deuteranomaly

224.7190, 12.9565, -2.3846

Tritanomaly

222.4030, 12.1263, -16.1394

Monochromacy



Original Color

222.4570, 13.5787, -15.3098

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9330, 4.9630, -5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4570, 13.5787, -15.3098 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(205, 226, 250)` looks like.

```
.text, #text, p{  
    color:rgb(205, 226, 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(205, 226, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 226, 250) }
```

Border

The CSS property to change the border of an element to YUV 222.4570, 13.5787, -15.3098 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(205, 226, 250) }
```


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

```
.border{ border-color:rgb(205, 226, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 226, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 226, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 226, 250);  
box-shadow:4px 4px 4px 4px rgb(205, 226,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 222.4570, 13.5787, -15.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 226, 250) }
```

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

```
.background{ background-color: rgb(205,  
226, 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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