

Converting Colors

YUV(222.9130, 15.3259,
-15.7097)

Have a look what the booklet for
YUV(222.9130, 15.3259, -15.7097)
contains.

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Color

**YUV(222.9130, 15.3259,
-15.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE2FE
RGB	205, 226, 254
RGB Percent	80%, 89%, 100%
CMY	0.1961, 0.1137, 0.0039
CMYK	0.19, 0.11, 0.00, 0.00
HSL	214°, 96%, 90%
HSV	214°, 19%, 100%
XYZ	70.2626, 74.5276, 104.4480
YIQ	222.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

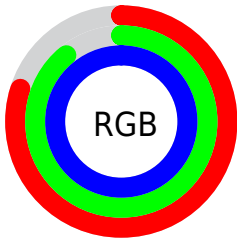
Format	Color
R _Y B	205, 220, 254
Decimal	13492990
CIE Lab	89.17, -1.23, -15.92
CIE LCh	89, 15.964, 265.592
Yxy	74.5276, 0.2819, 0.2990
Android (android.graphics.Color)	4291683070 (0xFFCDE2FE)
YUV	222.9130, 15.3259, -15.7097
Hunter-Lab	86.3294, -5.7971, -11.3031

Details

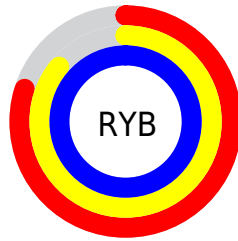
The YUV color `222.9130, 15.3259, -15.7097` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `236.0870, -15.3259, 15.7097`, and the grayscale version is `223.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `167.6850, 14.4523, -15.5097` is the 20% darker color. If you saturate the color by 10%, you get `206.6330, 23.3519, -23.3571`, and if you desaturate by 10%, it is `239.1930, 7.2999, -8.0623`.

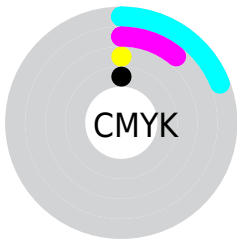
Distribution



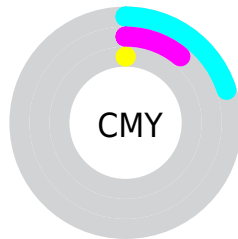
- Red (80%)
- Green (89%)
- Blue (100%)



- Red (80%)
- Yellow (86%)
- Blue (100%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.9130, 15.3259, -15.7097 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 222.9130, 15.3259, -15.7097 by changing the saturation by 10% instead.

■ 222.9130, 15.3259,
-15.7097

■ 222.9130, 15.3259,
-15.7097

255.0000, 0.0000,
0.0000

■ 194.7990, 14.8891,
-15.6097

■ 167.6850, 14.4523,
-15.5097

■ 140.9840, 14.3049,
-14.8950

■ 115.5710, 14.0155,
-15.4098

■ 90.7560, 13.4313,
-14.6950

■ 66.6420, 12.9945,
-14.5950

■ 43.8160, 12.4157,

-15.6246

■ 21.8050, 12.4211,
-17.3690

■ 3.6650, 11.5042,
-3.2142

■ 222.9130, 15.3259,
-15.7097

■ 222.9130, 15.3259,
-15.7097

■ 206.6330, 23.3519,
-23.3571

■ 239.1930, 7.2999,
-8.0623

■ 190.6410, 31.2360,
-32.1342

254.8860, -0.4368,
0.1000

■ 174.3610, 39.2620,
-39.7816

■ 158.3690, 47.1461,
-48.5586

■ 142.0890, 55.1721,
-56.2061

■ 126.3960, 62.9088,
-64.3683

■ 109.8170, 71.0822,
-72.6305

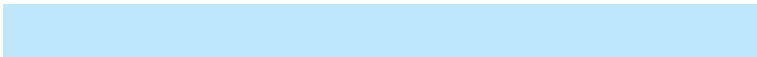
■ 94.1240, 78.8189,
-80.7927

■ 92.9390, 79.4031,
-81.5075

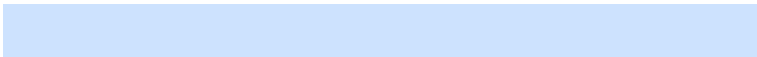
Harmonies

Analogous

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



220.2060, 14.1954, -26.4907



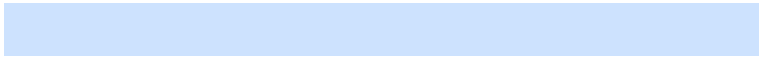
222.9130, 15.3259, -15.7097



225.3170, 12.6617, -1.1550

Triad

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



222.9130, 15.3259, -15.7097



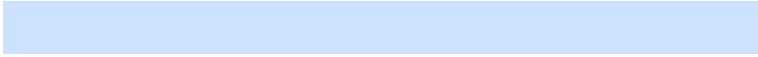
225.9170, -7.3541, 25.5058



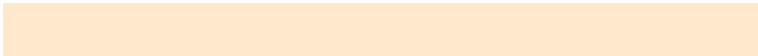
220.3760, -7.0874, -13.4848

Complementary

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



222.9130, 15.3259, -15.7097



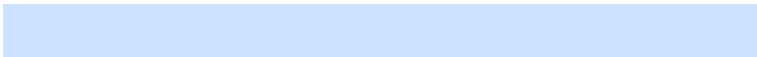
236.0870, -15.3259, 15.7097

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.



221.9710, -12.8037, 0.0254



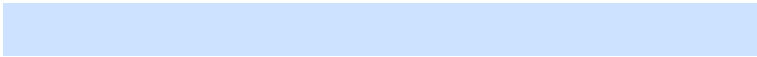
222.9130, 15.3259, -15.7097



225.1140, -12.8742, 22.7020

Square

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



222.9130, 15.3259, -15.7097



227.4420, -0.2179, 23.2914



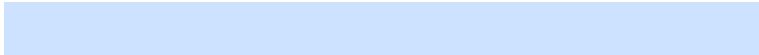
223.8910, -14.7363, 13.2506



219.0740, 0.9495, -24.6209

Rectangle

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



222.9130, 15.3259, -15.7097



226.7590, 8.9928, 8.9814



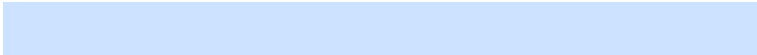
223.8910, -14.7363, 13.2506



220.8280, -9.2822, -9.4962

Sweetspot

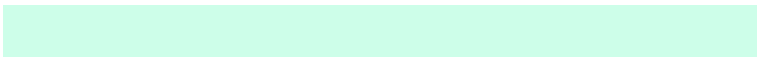
The Sweet Spot groups the original color and five complimentary colors.



222.9130, 15.3259, -15.7097



245.2320, 4.8156, -4.5885



236.9550, -1.9498, -28.0245



121.7870, 3.0630, -2.4442



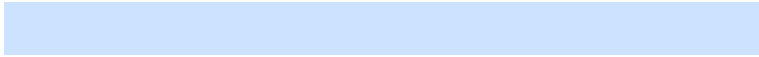
0.0000, 0.0000, 0.0000



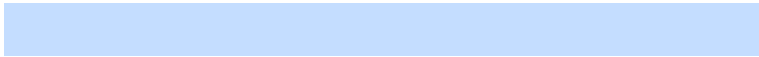
128.0000, 0.0000, 0.0000

Same Dimension

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



222.9130, 15.3259, -15.7097



217.4010, 18.5363, -18.7687



211.4830, 20.9609, -3.0546



119.4170, 4.2314, -3.8737



69.9080, 59.6984, -61.3093



23.1450, 20.1415, -20.2982

Inverse Universe

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



222.0450, 1.9498, 28.0245



216.4910, 2.2229, 33.7724



247.5170, -20.9609, 3.0546



119.4570, 0.2677, 7.4922



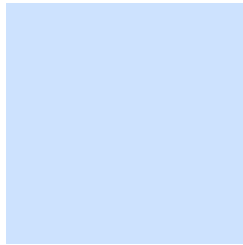
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 222.9130, 15.3259, -15.7097 looks on a white background.

Color Contrast Check

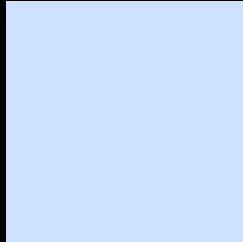
Large Text (above 18pt) WCAG AA × Fail

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 222.9130, 15.3259, -15.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

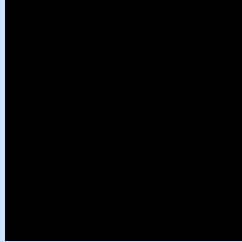
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

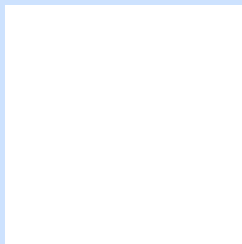
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.9130, 15.3259, -15.7097

Background



This preview shows how black text looks on a background with the YUV color 222.9130, 15.3259, -15.7097.



This preview shows how white text looks on a background with the YUV color 222.9130, 15.3259, -15.7097.

-15.7097.

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

222.9130, 15.3259, -15.7097

Protanopia

224.4090, 13.1094, -4.7437

Deuteranopia

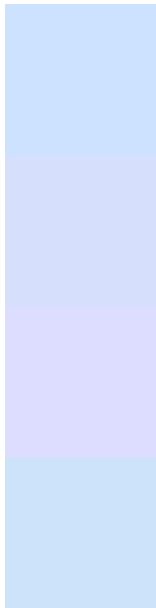
225.8060, 14.3926, 3.6781



Tritanopia

221.9900, 11.8369, -16.6542

Trichromacy



Original Color

222.9130, 15.3259, -15.7097

Protanomaly

223.6150, 13.9938, -8.4324

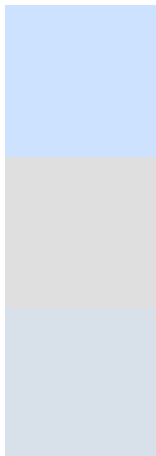
Deuteranomaly

224.8760, 14.8511, -3.3993

Tritanomaly

222.6310, 12.9999, -16.3394

Monochromacy



Original Color

222.9130, 15.3259, -15.7097

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.9130, 15.3259, -15.7097 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 226, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 226, 254) }
```

Border

The CSS property to change the border of an element to YUV 222.9130, 15.3259, -15.7097 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, 254) }
```


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

```
.border{ border-color:rgb(205, 226, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 226, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 226, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 226,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 222.9130, 15.3259, -15.7097 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, 254) }
```

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

```
.background{ background-color: rgb(205,  
226, 254) }
```

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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