

Converting Colors

YUV(230.9420, 7.9166,
-19.2431)

Have a look what the booklet for
YUV(230.9420, 7.9166, -19.2431)
contains.

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Color

**YUV(230.9420, 7.9166,
-19.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EFF7
RGB	209, 239, 247
RGB Percent	82%, 94%, 97%
CMY	0.1804, 0.0627, 0.0314
CMYK	0.15, 0.03, 0.00, 0.03
HSL	193°, 70%, 89%
HSV	193°, 15%, 97%
XYZ	73.9495, 82.0037, 99.9264
YIQ	230.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

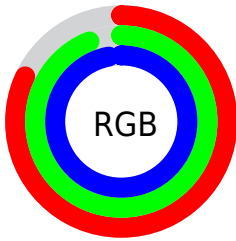
Format	Color
R _Y B	209, 226, 247
Decimal	13758455
CIE Lab	92.58, -8.13, -7.16
CIE LCh	93, 10.833, 221.355
Yxy	82.0037, 0.2890, 0.3205
Android (android.graphics.Color)	4291948535 (0xFFD1EFF7)
YUV	230.9420, 7.9166, -19.2431
Hunter-Lab	90.5559, -12.7067, -2.0361

Details

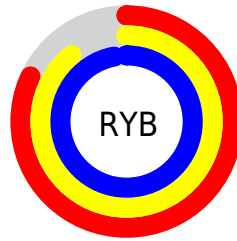
The YUV color $230.9420, 7.9166, -19.2431$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.0580, -7.9166, 19.2431$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.2410, 7.7692, -18.6284$ is the 20% darker color. If you saturate the color by 10%, you get $220.5320, 13.0487, -32.0386$, and if you desaturate by 10%, it is $241.3520, 2.7845, -6.4477$.

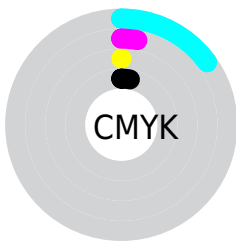
Distribution



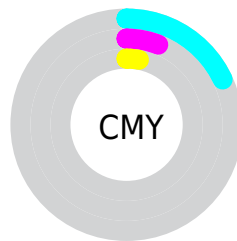
- Red (82%)
- Green (94%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.9420, 7.9166, -19.2431 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 230.9420, 7.9166, -19.2431 by changing the saturation by 10% instead.

■ 230.9420, 7.9166,
-19.2431

■ 230.9420, 7.9166,
-19.2431

255.0000, 0.0000,
0.0000

■ 202.9420, 7.9166,
-19.2431

■ 175.2410, 7.7692,
-18.6284

■ 148.5400, 7.6218,
-18.0136

■ 122.4260, 7.1850,
-17.9136

■ 97.7250, 7.0376,
-17.2988

■ 73.7250, 7.0376,
-17.2988

■ 50.6110, 6.6008,

-17.1988

■ 28.3120, 6.7482,
-17.8136

■ 11.9000, 4.9793,
-10.4363

■ 230.9420, 7.9166,
-19.2431

■ 230.9420, 7.9166,
-19.2431

■ 220.5320, 13.0487,
-32.0386

■ 241.3520, 2.7845,
-6.4477

■ 210.4210, 18.0334,
-44.2192

■ 250.5660, -1.7580,
3.8886

■ 199.4240, 23.4550,
-56.4998

■ 254.0880, -3.4944,
0.7998

■ 189.0140, 28.5871,
-69.2953

■ 178.9030, 33.5718,
-81.4759

■ 168.4930, 38.7040,
-94.2714

■ 158.0830, 43.8361,
-107.0668

■ 147.0860, 49.2576,
-119.3474

■ 142.6230, 51.4579,
-125.0804

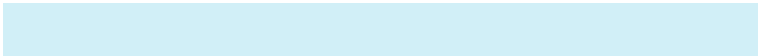
Harmonies

Analogous

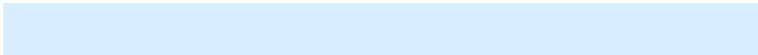
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.3890, 3.2592, -18.7582



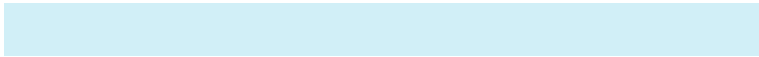
230.9420, 7.9166, -19.2431



232.5450, 10.0843, -14.5100

Triad

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



230.9420, 7.9166, -19.2431



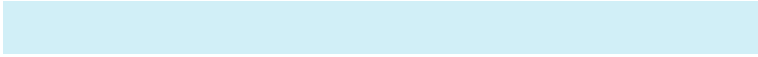
235.7720, 2.5774, 13.3550



232.8020, -9.7624, 4.5586

Complementary

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



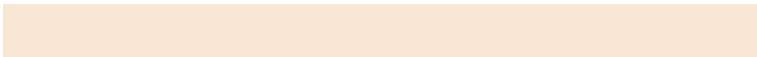
230.9420, 7.9166, -19.2431



225.0580, -7.9166, 19.2431

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.



234.4440, -10.0789, 12.7656



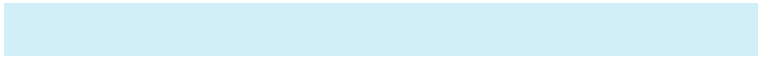
230.9420, 7.9166, -19.2431



235.7140, -2.8170, 16.9138

Square

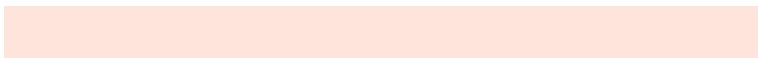
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



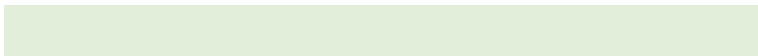
230.9420, 7.9166, -19.2431



235.4550, 6.6777, 4.8630



235.1610, -7.4744, 17.3988



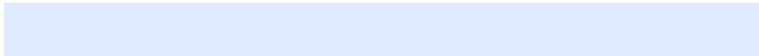
231.5450, -6.6777, -4.8630

Rectangle

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



230.9420, 7.9166, -19.2431



233.2900, 10.2100, -8.1473



235.1610, -7.4744, 17.3988



233.4110, -10.0626, 7.5326

Sweetspot

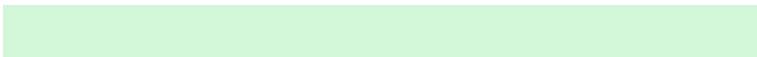
The Sweet Spot groups the original color and five complimentary colors.



230.9420, 7.9166, -19.2431



249.3520, 2.7845, -6.4477



232.2180, -7.5025, -20.3622



124.4340, 1.7580, -3.8886



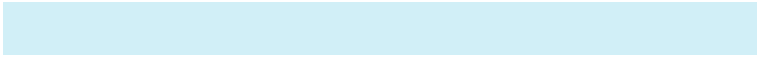
0.0000, 0.0000, 0.0000



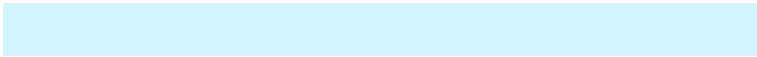
128.0000, 0.0000, 0.0000

Same Dimension

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



230.9420, 7.9166, -19.2431



235.3760, 9.6746, -23.1318



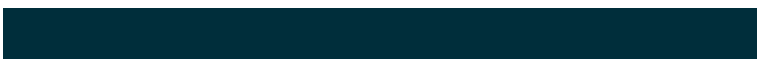
219.7890, 13.4150, -9.4620



117.2380, 2.3477, -6.3477



107.4930, 38.7040, -94.2714



33.7280, 12.4591, -29.5795

Inverse Universe

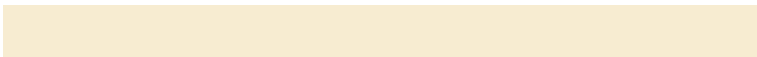
The Inverse Universe completely reimagines the original color for something new.



223.7820, 7.5025, 20.3622



226.8580, 8.9440, 24.6805



236.2110, -13.4150, 9.4620



114.7280, 2.5991, 6.3775



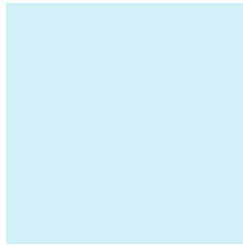
72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 230.9420, 7.9166, -19.2431 looks on a white background.

Color Contrast Check

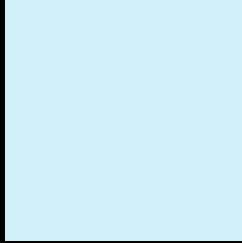
Large Text (above 18pt) WCAG AA × Fail

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 230.9420, 7.9166, -19.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

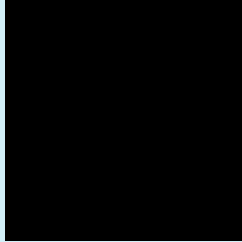
Any Text WCAG AA ✓ Pass

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 230.9420, 7.9166, -19.2431 Background



This preview shows how black text looks on a background with the YUV color 230.9420, 7.9166, -19.2431.



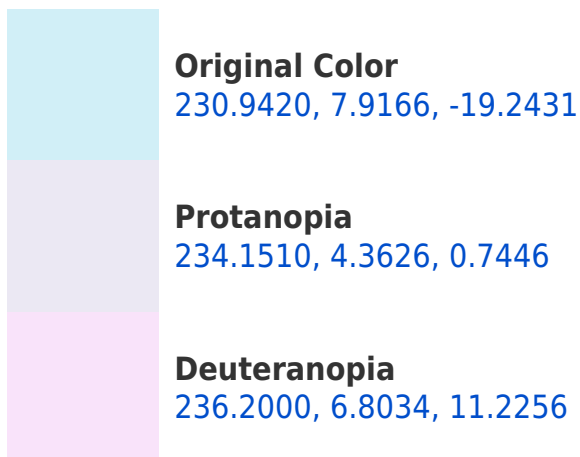
This preview shows how white text looks on a background with the YUV color 230.9420, 7.9166, -19.2431.

-19.2431.

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

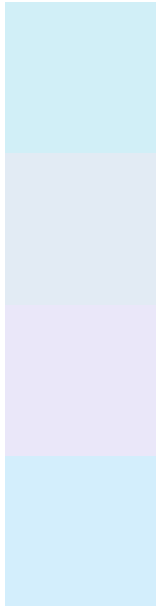




Tritanopia

231.5770, 11.5475, -17.1690

Trichromacy



Original Color

230.9420, 7.9166, -19.2431

Protanomaly

233.3350, 5.2578, -6.4328

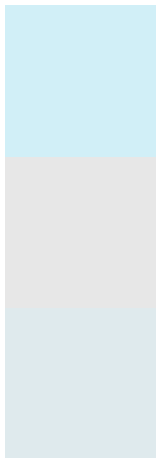
Deuteranomaly

233.9490, 7.4201, 0.0447

Tritanomaly

231.5230, 10.0952, -17.9987

Monochromacy



Original Color

230.9420, 7.9166, -19.2431

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.0530, 2.9319, -7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.9420, 7.9166, -19.2431 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(209, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 239, 247)  
}
```

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(209, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 239, 247) }
```

Border

The CSS property to change the border of an element to YUV 230.9420, 7.9166, -19.2431 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(209, 239, 247) }
```


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

```
.border{ border-color:rgb(209, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 239, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 239, 247); box-shadow:4px 4px 4px 4px rgb(209, 239, 247) }
```

Background

The CSS property to change the background color of an element to YUV 230.9420, 7.9166, -19.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 239, 247) }
```

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

```
.background{ background-color: rgb(209,  
239, 247) }
```

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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