

Converting Colors

YUV(224.0230, 11.8207,
-11.4212)

Have a look what the booklet for
YUV(224.0230, 11.8207, -11.4212)
contains.

YUV(224.0230, 11.8207, -11.4212)	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(224.0230, 11.8207,
-11.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E2F8
RGB	211, 226, 248
RGB Percent	83%, 89%, 97%
CMY	0.1725, 0.1137, 0.0275
CMYK	0.15, 0.09, 0.00, 0.03
HSL	216°, 73%, 90%
HSV	216°, 15%, 97%
XYZ	71.0036, 75.0189, 99.5447
YIQ	224.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

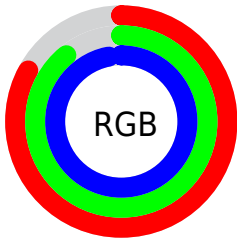
Format	Color
R _Y B	211, 222, 248
Decimal	13886200
CIE Lab	89.40, -0.64, -12.38
CIE LCh	89, 12.400, 267.054
Yxy	75.0189, 0.2891, 0.3055
Android (android.graphics.Color)	4292076280 (0xFFD3E2F8)
YUV	224.0230, 11.8207, -11.4212
Hunter-Lab	86.6135, -5.2436, -7.5125

Details

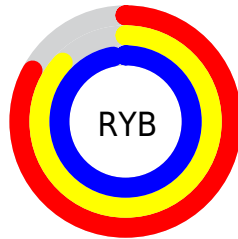
The YUV color `224.0230, 11.8207, -11.4212` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `234.9770, -11.8207, 11.4212`, and the grayscale version is `224.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `168.9090, 11.3839, -11.3212` is the 20% darker color. If you saturate the color by 10%, you get `207.7430, 19.8467, -19.0686`, and if you desaturate by 10%, it is `240.3030, 3.7946, -3.7737`.

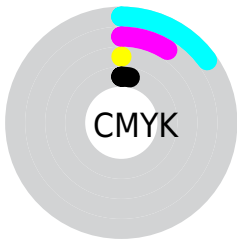
Distribution



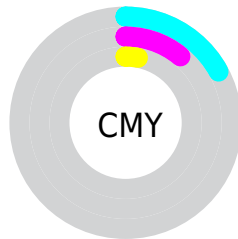
- Red (83%)
- Green (89%)
- Blue (97%)



- Red (83%)
- Yellow (87%)
- Blue (97%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.0230, 11.8207, -11.4212 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 224.0230, 11.8207, -11.4212 by changing the saturation by 10% instead.

■ 224.0230, 11.8207,
-11.4212

■ 224.0230, 11.8207,
-11.4212

255.0000, 0.0000,
0.0000

■ 195.9090, 11.3839,
-11.3212

■ 168.9090, 11.3839,
-11.3212

■ 142.0940, 10.7997,
-10.6064

■ 116.6810, 10.5103,
-11.1212

■ 91.9800, 10.3629,
-10.5065

■ 67.8660, 9.9261,
-10.4065

■ 45.7520, 9.4893,

-10.3065

■ 24.3390, 9.1999,
-10.8213

■ 3.2090, 9.7570,
-2.8143

■ 224.0230, 11.8207,
-11.4212

■ 224.0230, 11.8207,
-11.4212

■ 207.7430, 19.8467,
-19.0686

■ 240.3030, 3.7946,
-3.7737

■ 192.0500, 27.5834,
-27.2308

■ 254.2020, -3.0576,
0.6998

■ 176.0690, 35.4620,
-34.2635

■ 159.7890, 43.4880,
-41.9110

■ 143.5090, 51.5141,
-49.5584

■ 127.8160, 59.2507,
-57.7206

■ 111.5360, 67.2768,
-65.3681

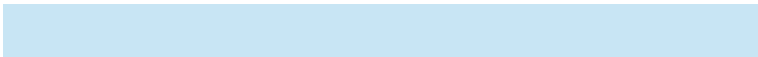
■ 95.5550, 75.1554,
-72.4007

■ 87.5590, 79.0974,
-76.7892

Harmonies

Analogous

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



222.0390, 10.8268, -19.3282



224.0230, 11.8207, -11.4212



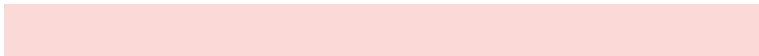
225.9320, 9.8935, 0.0596

Triad

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



224.0230, 11.8207, -11.4212



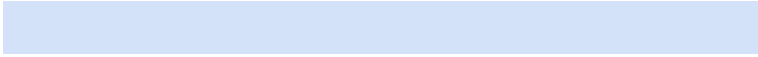
226.5250, -6.1748, 20.5876



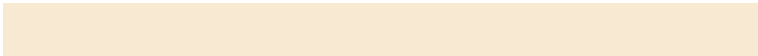
221.5550, -5.2036, -11.0107

Complementary

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



224.0230, 11.8207, -11.4212



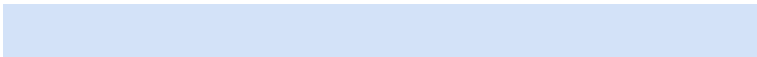
234.9770, -11.8207, 11.4212

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.



223.1820, -9.4567, -0.1596



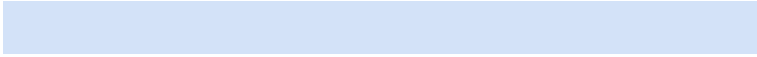
224.0230, 11.8207, -11.4212



226.0640, -10.3846, 17.4839

Square

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



224.0230, 11.8207, -11.4212



227.2950, -0.6384, 18.1583



224.3790, -11.5258, 10.1916



221.1070, 0.9332, -19.3878

Rectangle

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



224.0230, 11.8207, -11.4212



226.8790, 6.9617, 7.1221



224.3790, -11.5258, 10.1916



221.8220, -6.8142, -7.7369

Sweetspot

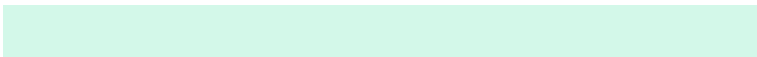
The Sweet Spot groups the original color and five complimentary colors.



224.0230, 11.8207, -11.4212



248.4880, 3.2104, -3.0590



235.2270, -1.0979, -21.2471



123.5590, 2.1894, -2.2442



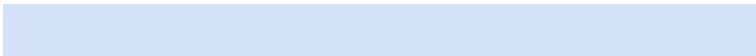
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



224.0230, 11.8207, -11.4212



225.3970, 14.5943, -14.3802



216.1150, 15.7193, -1.8549



117.0040, 3.9420, -4.3885



66.1580, 60.5611, -58.0206



21.6290, 19.4099, -18.9686

Inverse Universe

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



223.7730, 1.0979, 21.2471



224.9200, 1.5184, 26.3802



242.8850, -15.7193, 1.8549



116.5710, 0.7045, 7.3922



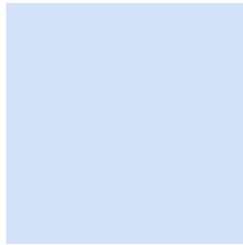
65.1750, 5.3367, 108.5945



21.0890, 1.9281, 35.0019

Previews

White Background



This preview shows how the YUV color 224.0230, 11.8207, -11.4212 looks on a white background.

Color Contrast Check

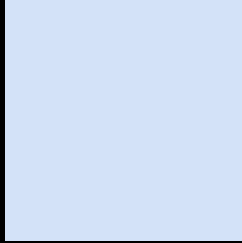
Large Text (above 18pt) WCAG AA × Fail

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 224.0230, 11.8207, -11.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

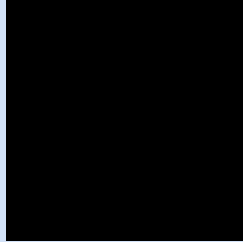
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.0230, 11.8207, -11.4212

Background



This preview shows how black text looks on a background with the YUV color 224.0230, 11.8207, -11.4212.



This preview shows how white text looks on a background with the YUV color 224.0230, 11.8207, -11.4212.

-11.4212.

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

224.0230, 11.8207, -11.4212

Protanopia

225.3230, 10.1938, -2.9143

Deuteranopia

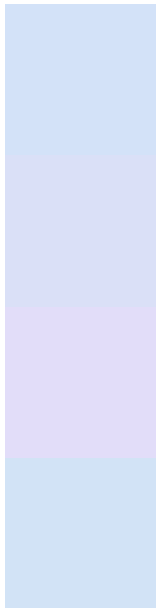
226.7310, 11.4716, 7.2519



Tritanopia

223.9690, 10.3683, -12.2508

Trichromacy



Original Color

224.0230, 11.8207, -11.4212

Protanomaly

224.8280, 10.9308, -5.9882

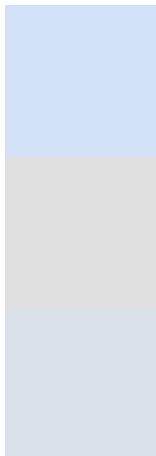
Deuteranomaly

225.6870, 11.4933, 0.2745

Tritanomaly

224.0830, 10.8051, -12.3508

Monochromacy



Original Color

224.0230, 11.8207, -11.4212

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.0230, 11.8207, -11.4212 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(211, 226, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 248)  
}
```

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(211, 226, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 248) }
```

Border

The CSS property to change the border of an element to YUV 224.0230, 11.8207, -11.4212 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(211, 226, 248) }
```


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

```
.border{ border-color:rgb(211, 226, 248) }
```

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

Here you see how a box with a 4 pixel rgb(211, 226, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 224.0230, 11.8207, -11.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 248) }
```

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

```
.background{ background-color: rgb(211,  
226, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor