

Converting Colors

YUV(221.9430, 6.4371,
-11.3510)

Have a look what the booklet for
YUV(221.9430, 6.4371, -11.3510)
contains.

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Color

**YUV(221.9430, 6.4371,
-11.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2EB
RGB	209, 226, 235
RGB Percent	82%, 89%, 92%
CMY	0.1804, 0.1137, 0.0784
CMYK	0.11, 0.04, 0.00, 0.08
HSL	201°, 39%, 87%
HSV	201°, 11%, 92%
XYZ	68.4862, 73.9462, 89.2607
YIQ	221.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

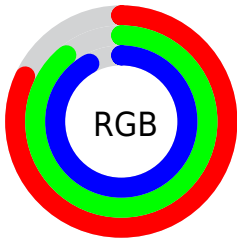
Format	Color
R _Y B	209, 219, 235
Decimal	13755115
CIE Lab	88.90, -3.89, -6.32
CIE LCh	89, 7.424, 238.423
Yxy	73.9462, 0.2956, 0.3192
Android (android.graphics.Color)	4291945195 (0xFFD1E2EB)
YUV	221.9430, 6.4371, -11.3510
Hunter-Lab	85.9920, -8.3239, -1.3494

Details

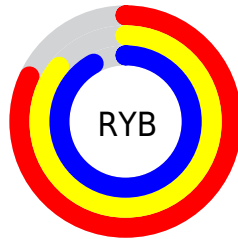
The YUV color $221.9430, 6.4371, -11.3510$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.0570, -6.4371, 11.3510$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.8290, 6.0003, -11.2510$ is the 20% darker color. If you saturate the color by 10%, you get $210.3700, 12.1426, -21.3725$, and if you desaturate by 10%, it is $233.8150, 0.5842, -0.7148$.

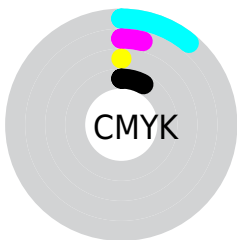
Distribution



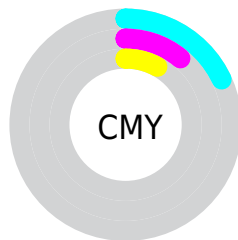
- Red (82%)
- Green (89%)
- Blue (92%)



- Red (82%)
- Yellow (86%)
- Blue (92%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9430, 6.4371, -11.3510 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 221.9430, 6.4371, -11.3510 by changing the saturation by 10% instead.

■ 221.9430, 6.4371,
-11.3510

■ 221.9430, 6.4371,
-11.3510

255.0000, 0.0000,
0.0000

■ 193.9430, 6.4371,
-11.3510

■ 166.8290, 6.0003,
-11.2510

■ 140.2420, 6.2897,
-10.7362

■ 115.1280, 5.8529,
-10.6363

■ 90.4270, 5.7055,
-10.0215

■ 66.7260, 5.5581,
-9.4067

■ 44.6120, 5.1213,

-9.3067

■ 23.6120, 5.1213,
-9.3067

■ 1.2540, 4.8048,
-1.0998

■ 221.9430, 6.4371,
-11.3510

■ 221.9430, 6.4371,
-11.3510

■ 210.3700, 12.1426,
-21.3725

■ 233.8150, 0.5842,
-0.7148

■ 198.4980, 17.9955,
-32.0087

■ 245.0890, -4.9739,
8.6919

■ 186.9250, 23.7010,
-42.0302

■ 249.7850, -7.2890,
4.5736

■ 174.4660, 29.8433,
-52.1517

■ 252.7200, -8.7360,
1.9996

■ 162.8930, 35.5488,
-62.1732

■ 151.0210, 41.4016,
-72.8094

■ 139.4480, 47.1071,
-82.8309

■ 127.5760, 52.9600,
-93.4672

■ 117.1880, 58.0813,
-102.7739

Harmonies

Analogous

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



221.0630, 4.4059, -13.2103



221.9430, 6.4371, -11.3510



223.0900, 6.8576, -6.2179

Triad

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



221.9430, 6.4371, -11.3510



225.2510, -0.6167, 11.1809



222.5070, -5.6730, -0.4446

Complementary

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



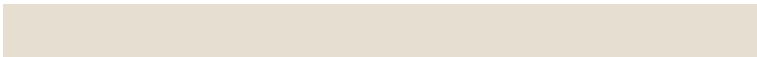
221.9430, 6.4371, -11.3510



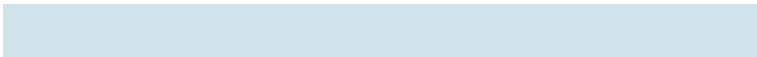
222.0570, -6.4371, 11.3510

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.



223.4970, -7.1470, 5.7031



221.9430, 6.4371, -11.3510



224.7520, -3.8217, 12.4955

Square

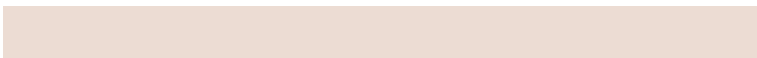
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.9430, 6.4371, -11.3510



224.8420, 3.0359, 6.2776



223.7580, -6.2897, 10.7362



221.8590, -2.8885, -6.8923

Rectangle

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



221.9430, 6.4371, -11.3510



223.4110, 6.6994, -2.1144



223.7580, -6.2897, 10.7362



222.7030, -6.2626, 2.0145

Sweetspot

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



221.9430, 6.4371, -11.3510



250.8470, 2.0474, -3.3738



225.2880, -3.5930, -14.2846



125.0320, 1.4632, -2.6591



0.0000, 0.0000, 0.0000



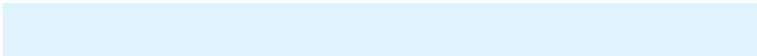
128.0000, 0.0000, 0.0000

Same Dimension

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



221.9430, 6.4371, -11.3510



238.6760, 8.0477, -14.6249



214.3120, 10.1992, -4.6586



111.3630, 2.7790, -4.7034



89.9000, 44.9123, -78.8423



26.7010, 13.4584, -23.4168

Inverse Universe

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



218.7120, 3.5930, 14.2846



234.3750, 4.7451, 18.0881



229.6880, -10.1992, 4.6586



110.0870, 1.4361, 6.0627



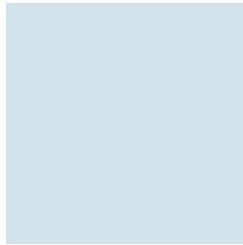
67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 221.9430, 6.4371, -11.3510 looks on a white background.

Color Contrast Check

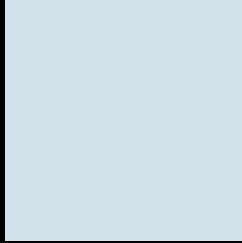
Large Text (above 18pt) WCAG AA × Fail

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 221.9430, 6.4371, -11.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

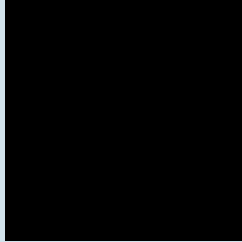
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

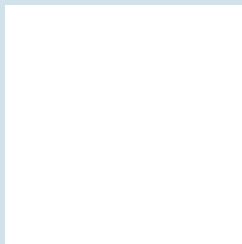
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.9430, 6.4371, -11.3510

Background



This preview shows how black text looks on a background with the YUV color 221.9430, 6.4371, -11.3510.



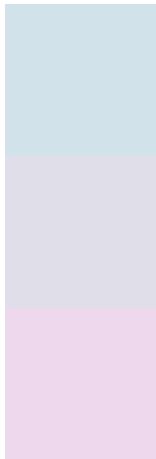
This preview shows how white text looks on a background with the YUV color 221.9430, 6.4371,

-11.3510.

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

221.9430, 6.4371, -11.3510

Protanopia

223.7380, 4.0732, 0.2298

Deuteranopia

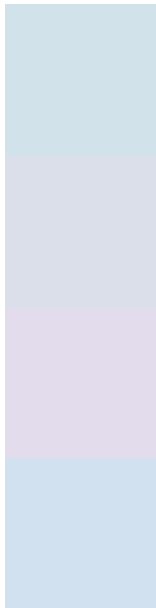
224.9720, 5.9298, 11.4256



Tritanopia

222.5670, 10.0735, -11.0213

Trichromacy



Original Color

221.9430, 6.4371, -11.3510

Protanomaly

222.9440, 4.9576, -3.4589

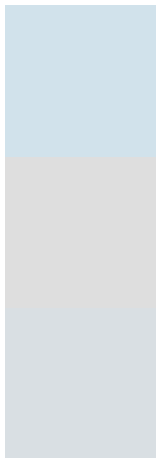
Deuteranomaly

223.9170, 5.9569, 2.7038

Tritanomaly

222.2250, 8.7631, -10.7213

Monochromacy



Original Color

221.9430, 6.4371, -11.3510

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9430, 6.4371, -11.3510 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, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 235)  
}
```

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, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 235) }
```

Border

The CSS property to change the border of an element to YUV 221.9430, 6.4371, -11.3510 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, 226, 235) }
```


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

```
.border{ border-color:rgb(209, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 221.9430, 6.4371, -11.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 235) }
```

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

```
.background{ background-color: rgb(209,  
226, 235) }
```

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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