

Converting Colors

YUV(234.2430, -18.8538,
-19.5071)

Have a look what the booklet for
YUV(234.2430, -18.8538, -19.5071)
contains.

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Color

**YUV(234.2430, -18.8538,
-19.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FDC4
RGB	212, 253, 196
RGB Percent	83%, 99%, 77%
CMY	0.1686, 0.0078, 0.2314
CMYK	0.16, 0.00, 0.23, 0.01
HSL	103°, 93%, 88%
HSV	103°, 23%, 99%
XYZ	72.2405, 88.2331, 65.4478
YIQ	234.2430, -6.1390, -26.4190

Conversions

Conversions Part 2

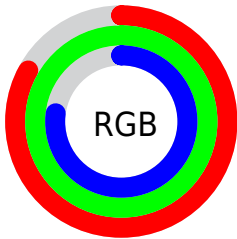
Format	Color
RYB	196, 253, 237
Decimal	13958596
CIELab	95.26, -23.26, 23.04
CIELCh	95, 32.741, 135.280
Yxy	88.2331, 0.3198, 0.3905
Android (android.graphics.Color)	4292148676 (0xFFD4FDC4)
YUV	234.2430, -18.8538, -19.5071
Hunter-Lab	93.9325, -27.1032, 24.4422

Details

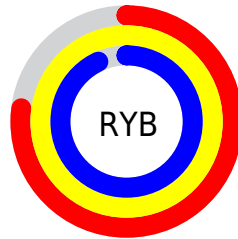
The YUV color **234.2430, -18.8538, -19.5071** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214.7570, 18.8538, 19.5071**, and the grayscale version is **234.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7720, -0.8736, 0.2000**, and **178.1830, -17.8382, -18.5775** is the 20% darker color. If you saturate the color by 10%, you get **226.0110, -27.1204, -28.0736**, and if you desaturate by 10%, it is **242.4750, -10.5872, -10.9406**.

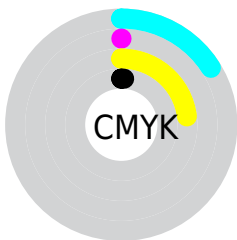
Distribution



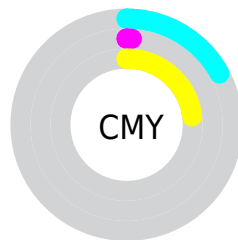
- Red (83%)
- Green (99%)
- Blue (77%)



- Red (77%)
- Yellow (99%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (17%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.2430, -18.8538, -19.5071 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 234.2430, -18.8538, -19.5071 by changing the saturation by 10% instead.

■ 234.2430,
-18.8538, -19.5071

■ 234.2430,
-18.8538, -19.5071

255.0000, 0.0000,
0.0000

■ 205.7700,
-18.1276, -19.0923

254.7720, -0.8736,
0.2000

■ 178.1830,
-17.8382, -18.5775

■ 151.2970,
-17.4014, -18.6775

■ 125.1230,
-16.8226, -17.6479

■ 100.2370,
-16.3858, -17.7478

■ 75.5790, -15.0754,
-18.0478

■ 52.1060, -14.3493,

-17.6330

■ 29.4050, -14.4967,
-17.0182

■ 15.8490, -7.8136,
-13.8996

■ 234.2430,
-18.8538, -19.5071

■ 234.2430,
-18.8538, -19.5071

■ 226.0110,
-27.1204, -28.0736

■ 242.4750,
-10.5872, -10.9406

■ 217.6650,
-35.8238, -36.5402

■ 250.8210, -1.8838,
-2.4740

■ 209.1340,
-43.9431, -45.7215

■ 253.8260, 0.5788,
1.0296

■ 200.9020,
-52.2097, -54.2881

■ 192.6700,
-60.4763, -62.8546

■ 184.3240,
-69.1797, -71.3211

■ 176.0920,
-77.4464, -79.8877

■ 169.7400,
-83.6818, -86.5950

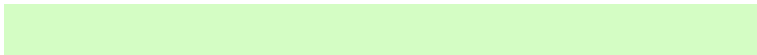
Harmonies

Analogous

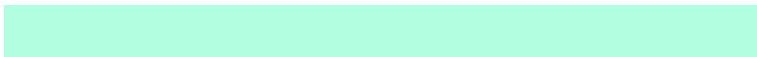
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9000, -28.5447, 8.8577



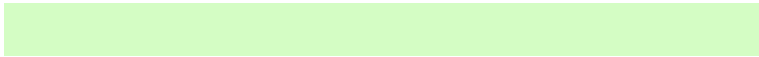
234.2430, -18.8538, -19.5071



228.1440, -2.0430, -44.8533

Triad

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



234.2430, -18.8538, -19.5071



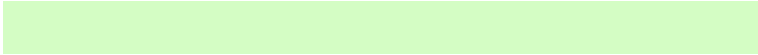
229.3520, 12.6445, -42.4047



230.5620, -2.2491, 21.4321

Complementary

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



234.2430, -18.8538, -19.5071



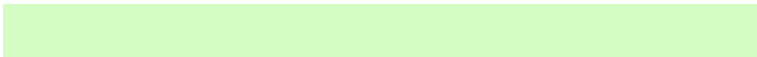
214.7570, 18.8538, 19.5071

Split Complementary

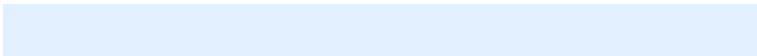
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 10.1287, 18.0180



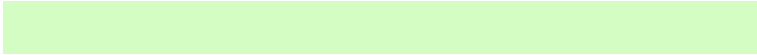
234.2430, -18.8538, -19.5071



236.6380, 9.0525, -10.2065

Square

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



234.2430, -18.8538, -19.5071



224.2030, 15.1829, -63.3220



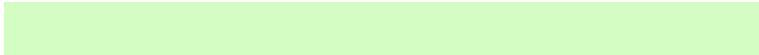
239.1510, 7.8136, 13.8996



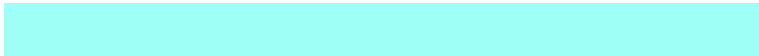
230.3050, -15.9264, 21.6575

Rectangle

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



234.2430, -18.8538, -19.5071



224.9710, 10.3673, -58.7336



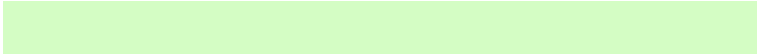
239.1510, 7.8136, 13.8996



231.2290, 2.8451, 20.8472

Sweetspot

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



234.2430, -18.8538, -19.5071



249.0610, -5.9461, -6.1925



237.1100, -20.2672, 13.9355



124.3540, -3.6255, -3.8185



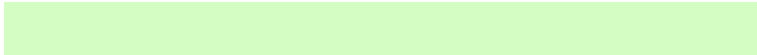
0.0000, 0.0000, 0.0000



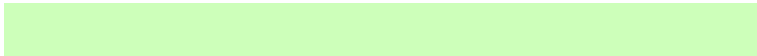
128.0000, 0.0000, 0.0000

Same Dimension

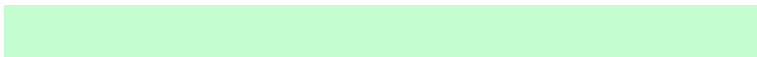
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.2430, -18.8538, -19.5071



232.1840, -22.7687, -23.8404



230.8270, -11.2537, -30.5433



123.5280, -4.2043, -4.8481



128.2630, -63.2337, -65.1287



42.9500, -21.1743, -21.8811

Inverse Universe

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



214.7570, 18.8538, 19.5071



208.8160, 22.7687, 23.8404



218.1730, 11.2537, 30.5433



119.1730, 4.3517, 4.2333



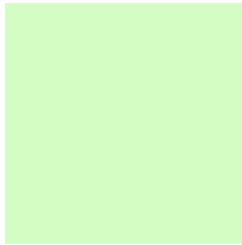
63.0360, 63.0863, 65.7434



21.0500, 21.1744, 21.8811

Previews

White Background



This preview shows how the YUV color 234.2430, -18.8538, -19.5071 looks on a white background.

Color Contrast Check

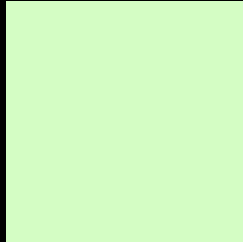
Large Text (above 18pt) WCAG AA × Fail

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 234.2430, -18.8538, -19.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

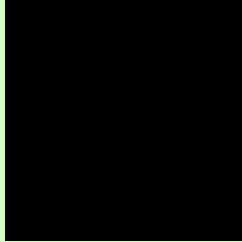
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

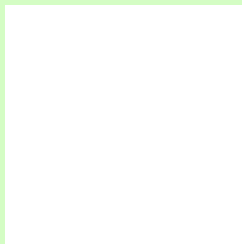
Any Text WCAG AAA ✓ Pass

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

YUV 234.2430, -18.8538, -19.5071 Background



This preview shows how black text looks on a background with the YUV color 234.2430, -18.8538, -19.5071.



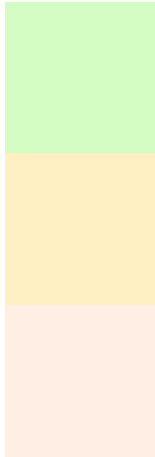
This preview shows how white text looks on a background with the YUV color 234.2430, -18.8538, -19.5071.

-19.5071.

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

234.2430, -18.8538, -19.5071

Protanopia

239.3550, -21.8670, 13.7207

Deuteranopia

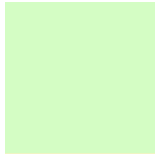
241.8290, -7.3107, 11.5510



Tritanopia

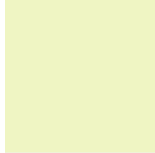
240.4810, 7.1579, -9.1918

Trichromacy



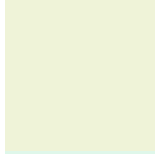
Original Color

234.2430, -18.8538, -19.5071



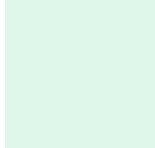
Protanomaly

237.5060, -20.9555, 1.3102



Deuteranomaly

238.7260, -11.2039, 0.2403



Tritanomaly

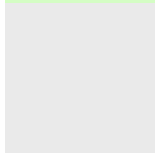
238.3420, -2.1406, -13.4549

Monochromacy



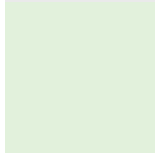
Original Color

234.2430, -18.8538, -19.5071



Achromatopsia

234.0000, 0.0000, 0.0000



Achromatomaly

234.1210, -6.9617, -7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.2430, -18.8538, -19.5071 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(212, 253, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 253, 196)  
}
```

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(212, 253, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 253, 196) }
```

Border

The CSS property to change the border of an element to YUV 234.2430, -18.8538, -19.5071 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(212, 253, 196) }
```


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

```
.border{ border-color:rgb(212, 253, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 253, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 253, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 253, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 253,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 234.2430, -18.8538, -19.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 253, 196) }
```

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

```
.background{ background-color: rgb(212,  
253, 196) }
```

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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