

Converting Colors

YUV(230.2460, -30.1943,
-22.1407)

Have a look what the booklet for
YUV(230.2460, -30.1943, -22.1407)
contains.

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Color

**YUV(230.2460, -30.1943,
-22.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFA9
RGB	205, 255, 169
RGB Percent	80%, 100%, 66%
CMY	0.1961, 0.0000, 0.3373
CMYK	0.20, 0.00, 0.34, 0.00
HSL	95°, 100%, 83%
HSV	95°, 34%, 100%
XYZ	68.0983, 87.3637, 50.8098
YIQ	230.2460, -2.1940, -37.3460

Conversions

Conversions Part 2

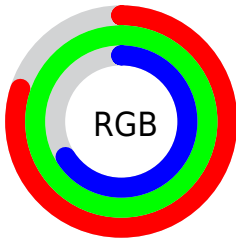
Format	Color
RYB	169, 255, 219
Decimal	13500329
CIELab	94.89, -30.58, 36.06
CIELCh	95, 47.283, 130.293
Yxy	87.3637, 0.3301, 0.4235
Android (android.graphics.Color)	4291690409 (0xFFCDDFA9)
YUV	230.2460, -30.1943, -22.1407
Hunter-Lab	93.4686, -33.5204, 33.1977

Details

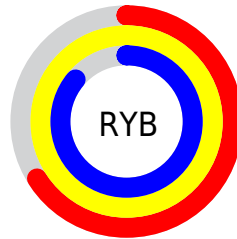
The YUV color $230.2460, -30.1943, -22.1407$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $193.7540, 30.1943, 22.1407$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, -13.1039, 2.9993$, and $174.0010, -28.5945, -21.9259$ is the 20% darker color. If you saturate the color by 10%, you get $222.9110, -38.9031, -28.8629$, and if you desaturate by 10%, it is $237.6950, -21.0486, -15.5185$.

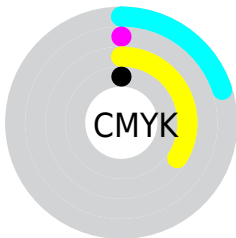
Distribution



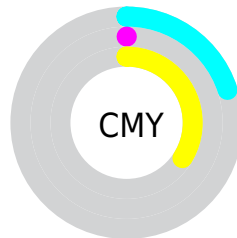
- Red (80%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 230.2460, -30.1943, -22.1407 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 230.2460, -30.1943, -22.1407 by changing the saturation by 10% instead.


 230.2460,
-30.1943, -22.1407

 230.2460,
-30.1943, -22.1407


255.0000, 0.0000,
0.0000


 201.7730,
-29.4681, -21.7259


 251.5800,
-13.1039, 2.9993


 174.0010,
-28.5945, -21.9259

254.8860, -0.4368,
0.1000

 147.5280,
-27.8683, -21.5111

 120.7560,
-26.9947, -21.7110

 95.2830, -26.2685,
-21.2962

 69.9840, -26.1211,
-21.9110

 46.1840, -22.7687,

-23.8404

■ 27.0020, -13.3120,
-23.6808

■ 15.2620, -7.5242,
-13.3848

■ 230.2460,
-30.1943, -22.1407

■ 230.2460,
-30.1943, -22.1407

■ 222.9110,
-38.9031, -28.8629

■ 237.6950,
-21.0486, -15.5185

■ 215.4620,
-48.0488, -35.4852

■ 245.0300,
-12.3398, -8.7963

■ 208.4260,
-56.9050, -41.5926

■ 252.1800, -3.0467,
-2.7889

■ 200.9770,
-66.0507, -48.2148

255.0000, 0.0000,
0.0000

■ 193.6420,
-74.7595, -54.9370

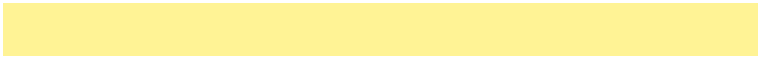
■ 186.1930,
-83.9051, -61.5593

■ 181.6780,
-89.5673, -65.4926

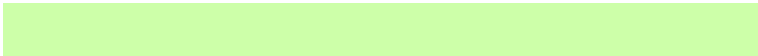
Harmonies

Analogous

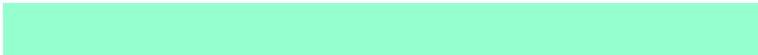
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.8720, -42.8279, 16.7753



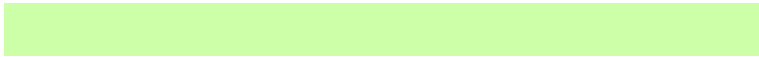
230.2460, -30.1943, -22.1407



217.9480, -4.9044, -60.4674

Triad

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



230.2460, -30.1943, -22.1407



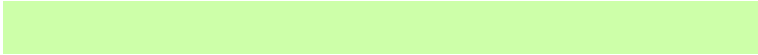
214.3580, 20.0365, -80.1210



222.3440, 1.8024, 28.6393

Complementary

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



230.2460, -30.1943, -22.1407



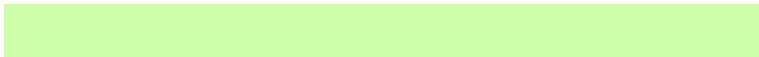
193.7540, 30.1943, 22.1407

Split Complementary

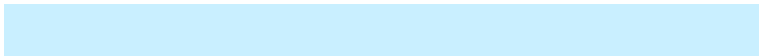
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9980, 13.3120, 23.6808



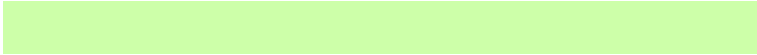
230.2460, -30.1943, -22.1407



229.4620, 12.5902, -24.9612

Square

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



230.2460, -30.1943, -22.1407



196.3960, 28.8918, -120.4963



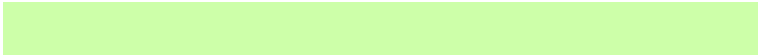
236.2160, 9.2605, 16.4736



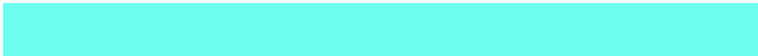
221.5510, -19.0056, 29.3348

Rectangle

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



230.2460, -30.1943, -22.1407



209.2230, 14.6801, -88.7726



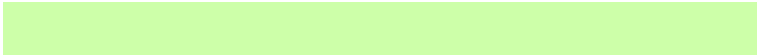
236.2160, 9.2605, 16.4736



224.1680, 8.7912, 27.0397

Sweetspot

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



230.2460, -30.1943, -22.1407



247.6650, -8.7088, -6.7222



223.4770, -26.8572, 27.6457



123.4850, -5.6621, -3.9333



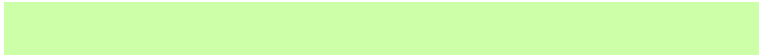
0.0000, 0.0000, 0.0000



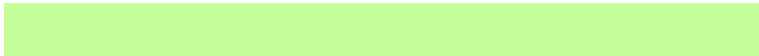
128.0000, 0.0000, 0.0000

Same Dimension

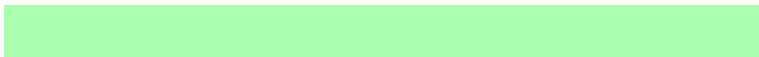
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.2460, -30.1943, -22.1407



225.7310, -35.8564, -26.0741



220.1660, -22.2668, -44.8726



124.1260, -4.4991, -3.6185



136.0370, -67.0662, -49.1444



45.6410, -22.5010, -16.3482

Inverse Universe

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



193.7540, 30.1943, 22.1407



182.2690, 35.8564, 26.0741



203.8340, 22.2668, 44.8726



118.5750, 4.6465, 3.0037



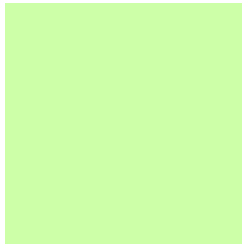
54.9630, 67.0662, 49.1444



18.3590, 22.5010, 16.3482

Previews

White Background



This preview shows how the YUV color 230.2460, -30.1943, -22.1407 looks on a white background.

Color Contrast Check

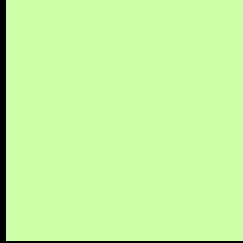
Large Text (above 18pt) WCAG AA × Fail

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 230.2460, -30.1943, -22.1407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

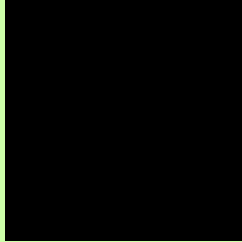
Any Text WCAG AA ✓ Pass

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 230.2460, -30.1943, -22.1407 Background



This preview shows how black text looks on a background with the YUV color 230.2460, -30.1943, -22.1407.



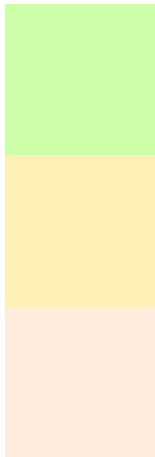
This preview shows how white text looks on a background with the YUV color 230.2460, -30.1943, -22.1407.

-22.1407.

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

230.2460, -30.1943, -22.1407

Protanopia

238.1010, -26.6718, 14.8204

Deuteranopia

239.9710, -9.3527, 13.1804



Tritanopia

238.9970, 7.8895, -10.5214

Trichromacy



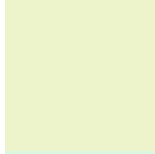
Original Color

230.2460, -30.1943, -22.1407



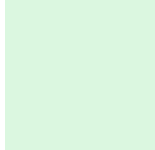
Protanomaly

235.0840, -27.6494, 1.6803



Deuteranomaly

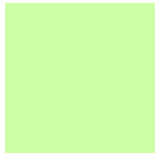
236.5320, -17.0243, 0.4104



Tritanomaly

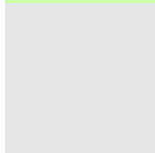
236.0060, -5.9190, -14.9143

Monochromacy



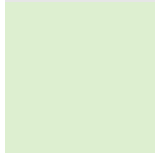
Original Color

230.2460, -30.1943, -22.1407



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

230.0840, -10.8874, -7.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.2460, -30.1943, -22.1407 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, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 169)  
}
```

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, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 169) }
```

Border

The CSS property to change the border of an element to YUV 230.2460, -30.1943, -22.1407 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, 255, 169) }
```


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

```
.border{ border-color:rgb(205, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 230.2460, -30.1943, -22.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 169) }
```

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

```
.background{ background-color: rgb(205,  
255, 169) }
```

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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