

Converting Colors

YUV(224.1500, -38.0350,
-27.3186)

Have a look what the booklet for
YUV(224.1500, -38.0350, -27.3186)
contains.

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Color

**YUV(224.1500, -38.0350,
-27.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FF93
RGB	193, 255, 147
RGB Percent	76%, 100%, 58%
CMY	0.2431, 0.0000, 0.4235
CMYK	0.24, 0.00, 0.42, 0.00
HSL	94°, 100%, 79%
HSV	94°, 42%, 100%
XYZ	63.0188, 84.9640, 40.6820
YIQ	224.1500, -2.2840, -46.7320

Conversions

Conversions Part 2

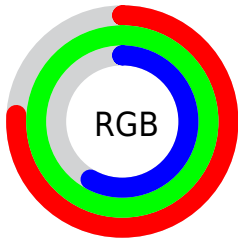
Format	Color
RYB	147, 255, 209
Decimal	12713875
CIELab	93.87, -37.57, 45.38
CIElCh	94, 58.914, 129.625
Yxy	84.9640, 0.3340, 0.4503
Android (android.graphics.Color)	4290903955 (0xFFC1FF93)
YUV	224.1500, -38.0350, -27.3186
Hunter-Lab	92.1759, -39.2711, 38.3554

Details

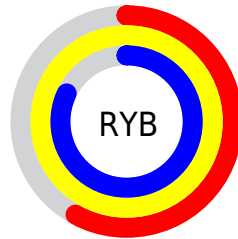
The YUV color **224.1500, -38.0350, -27.3186** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **177.8500, 38.0350, 27.3186**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.7620, -22.5607, 2.8397**, and **167.9050, -36.4352, -27.1037** is the 20% darker color. If you saturate the color by 10%, you get **216.8150, -46.7438, -34.0408**, and if you desaturate by 10%, it is **231.4850, -29.3261, -20.5963**.

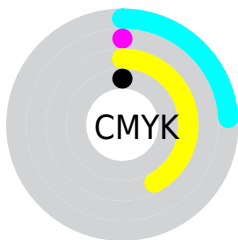
Distribution



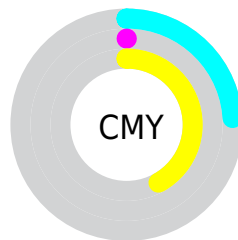
- Red (76%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.1500, -38.0350, -27.3186 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 224.1500, -38.0350, -27.3186 by changing the saturation by 10% instead.


 224.1500,
-38.0350, -27.3186


 224.1500,
-38.0350, -27.3186


255.0000, 0.0000,
0.0000


 195.6770,
-37.3088, -26.9037


 247.7620,
-22.5607, 2.8397


 167.9050,
-36.4352, -27.1037

 252.2640,
-10.4832, 2.3995

 140.5460,
-35.2722, -26.7888

 114.2470,
-35.1248, -27.4036

 87.6060, -36.2878,
-27.7185

 62.6640, -30.8934,
-31.2773

 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 12.9140, -6.3666,
-11.3256

■ 224.1500,
-38.0350, -27.3186

■ 224.1500,
-38.0350, -27.3186

■ 216.8150,
-46.7438, -34.0408

■ 231.4850,
-29.3261, -20.5963

■ 209.6650,
-56.0368, -40.0482

■ 238.6350,
-20.0331, -14.5889

■ 202.2160,
-65.1825, -46.6704

■ 246.0840,
-10.8874, -7.9667

■ 194.8810,
-73.8913, -53.3926

■ 253.4190, -2.1786,
-1.2445

■ 187.7310, 255.0000, 0.0000,
-83.1844, -59.4001 0.0000

■ 182.2760,
-89.8621, -64.2631

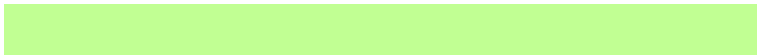
Harmonies

Analogous

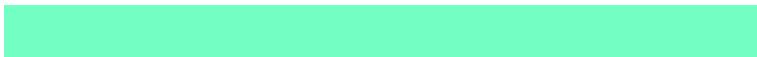
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.0330, -53.7533, 21.0191



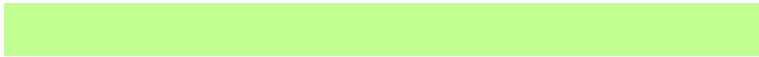
224.1500, -38.0350, -27.3186



206.4140, -5.1341, -80.1701

Triad

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



224.1500, -38.0350, -27.3186



178.1680, 37.8782, -156.2533



213.5560, 3.6699, 36.3464

Complementary

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



224.1500, -38.0350, -27.3186



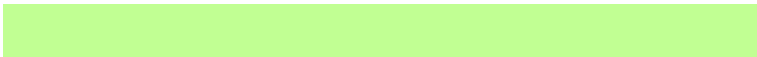
177.8500, 38.0350, 27.3186

Split Complementary

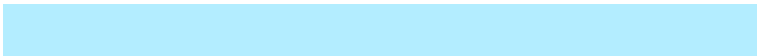
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.9540, 16.7847, 29.8583



224.1500, -38.0350, -27.3186



221.7100, 16.4120, -37.4567

Square

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



224.1500, -38.0350, -27.3186



178.7550, 37.5888, -156.7681



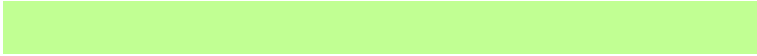
231.5200, 11.5756, 20.5920



213.3840, -22.3743, 36.4972

Rectangle

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



224.1500, -38.0350, -27.3186



176.4750, 28.8528, -154.7686



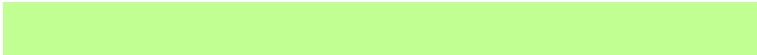
231.5200, 11.5756, 20.5920



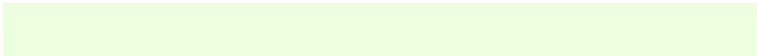
215.7220, 11.9691, 34.4468

Sweetspot

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



224.1500, -38.0350, -27.3186



245.5570, -11.6136, -8.3815



215.0990, -33.5728, 34.9932



122.0180, -7.4039, -5.2778



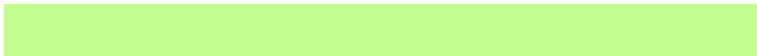
0.0000, 0.0000, 0.0000



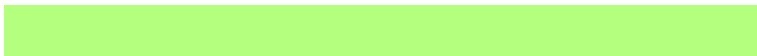
128.0000, 0.0000, 0.0000

Same Dimension

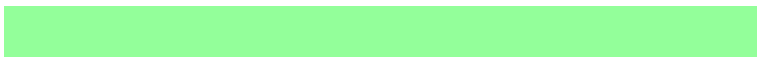
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.1500, -38.0350, -27.3186



217.7550, -45.7282, -33.1111



211.1940, -28.1966, -56.2981



124.1260, -4.4991, -3.6185



136.3360, -67.2136, -48.5297



45.6410, -22.5010, -16.3482

Inverse Universe

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



177.8500, 38.0350, 27.3186



162.2450, 45.7282, 33.1111



190.8060, 28.1966, 56.2981



118.5750, 4.6465, 3.0037



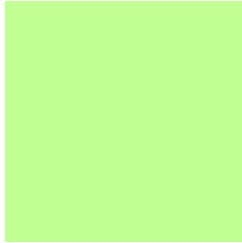
54.6640, 67.2136, 48.5297



18.3590, 22.5010, 16.3482

Previews

White Background



This preview shows how the YUV color 224.1500, -38.0350, -27.3186 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 224.1500, -38.0350, -27.3186 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 224.1500, -38.0350, -27.3186 Background



This preview shows how black text looks on a background with the YUV color 224.1500, -38.0350, -27.3186.



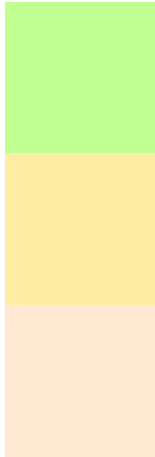
This preview shows how white text looks on a background with the YUV color 224.1500, -38.0350, -27.3186.

-27.3186.

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

224.1500, -38.0350, -27.3186

Protanopia

233.9460, -34.9764, 18.4644

Deuteranopia

237.0700, -12.8525, 15.7246



Tritanopia

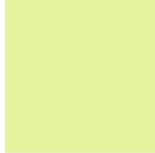
234.8330, 9.9423, -15.6395

Trichromacy



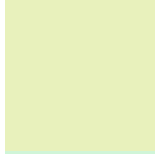
Original Color

224.1500, -38.0350, -27.3186



Protanomaly

230.4940, -36.2325, 1.3208



Deuteranomaly

232.2670, -21.8236, -0.2342



Tritanomaly

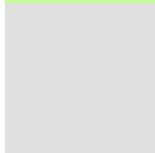
230.6310, -7.2131, -19.8474

Monochromacy



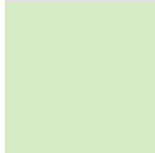
Original Color

224.1500, -38.0350, -27.3186



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

223.9760, -13.7922, -9.6260

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.1500, -38.0350, -27.3186 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(193, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 147)  
}
```

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(193, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 147) }
```

Border

The CSS property to change the border of an element to YUV 224.1500, -38.0350, -27.3186 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(193, 255, 147) }
```


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

```
.border{ border-color:rgb(193, 255, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 147);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 224.1500, -38.0350, -27.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 147) }
```

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

```
.background{ background-color: rgb(193,  
255, 147) }
```

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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