

Converting Colors

YUV(224.3800, -26.8093,
-34.5363)

Have a look what the booklet for
YUV(224.3800, -26.8093, -34.5363)
contains.

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Color

**YUV(224.3800, -26.8093,
-34.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFAA
RGB	185, 255, 170
RGB Percent	73%, 100%, 67%
CMY	0.2745, 0.0000, 0.3333
CMYK	0.27, 0.00, 0.33, 0.00
HSL	109°, 100%, 83%
HSV	109°, 33%, 100%
XYZ	63.0233, 84.7366, 51.0643
YIQ	224.3800, -14.4350, -41.2750

Conversions

Conversions Part 2

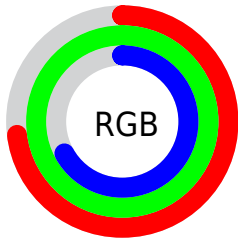
Format	Color
RYB	170, 255, 240
Decimal	12189610
CIELab	93.77, -37.14, 33.87
CIELCh	94, 50.265, 137.636
Yxy	84.7366, 0.3170, 0.4262
Android (android.graphics.Color)	4290379690 (0xFFB9FFAA)
YUV	224.3800, -26.8093, -34.5363
Hunter-Lab	92.0525, -38.8826, 31.5467

Details

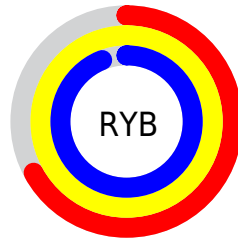
The YUV color **224.3800, -26.8093, -34.5363** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **200.6200, 26.8093, 34.5363**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1060, -10.8983, -4.4780**, and **168.4340, -25.3570, -33.7066** is the 20% darker color. If you saturate the color by 10%, you get **215.2510, -34.6337, -44.9471**, and if you desaturate by 10%, it is **233.5090, -18.9849, -24.1254**.

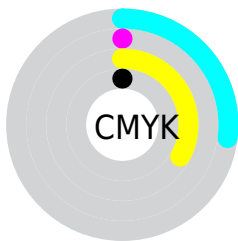
Distribution



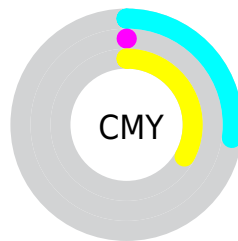
- Red (73%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (94%)



- Cyan (27%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.3800, -26.8093, -34.5363 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 224.3800, -26.8093, -34.5363 by changing the saturation by 10% instead.

■ 224.3800,
-26.8093, -34.5363

■ 224.3800,
-26.8093, -34.5363

255.0000, 0.0000,
0.0000

■ 195.9070,
-26.0832, -34.1214

■ 248.1060,
-10.8983, -4.4780

■ 168.4340,
-25.3570, -33.7066

■ 141.0750,
-24.1940, -33.3918

■ 114.8900,
-23.6098, -34.1065

■ 88.5310, -22.4468,
-33.7917

■ 61.8510, -21.1255,
-37.5803

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 12.9140, -6.3666,
-11.3256

■ 224.3800,
-26.8093, -34.5363

■ 224.3800,
-26.8093, -34.5363

■ 215.2510,
-34.6337, -44.9471

■ 233.5090,
-18.9849, -24.1254

■ 206.0080,
-42.8949, -55.2580

■ 242.7520,
-10.7237, -13.8145

■ 196.8790,
-50.7193, -65.6689

■ 251.9950, -2.4625,
-3.5036

■ 187.6360,
-58.9805, -75.9798

255.0000, 0.0000,
0.0000

■ 178.3930,
-67.2417, -86.2907

■ 169.2640,
-75.0662, -96.7015

■ 163.1400,
-80.4280, -103.6088

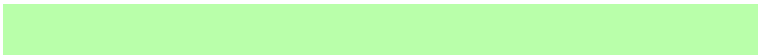
Harmonies

Analogous

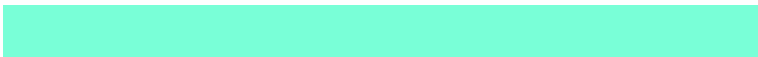
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.7030, -43.2376, 8.1535



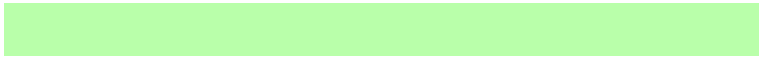
224.3800, -26.8093, -34.5363



210.3740, 2.2806, -78.3810

Triad

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



224.3800, -26.8093, -34.5363



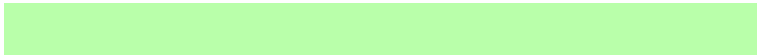
212.9180, 20.7464, -74.4731



217.5850, -3.7394, 32.8130

Complementary

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



224.3800, -26.8093, -34.5363



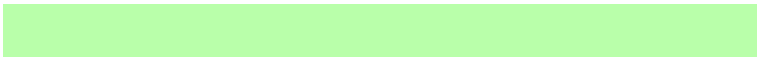
200.6200, 26.8093, 34.5363

Split Complementary

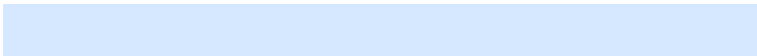
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 15.6271, 27.7991



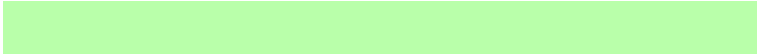
224.3800, -26.8093, -34.5363



228.9410, 12.8471, -13.9803

Square

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



224.3800, -26.8093, -34.5363



178.7550, 37.5888, -156.7681



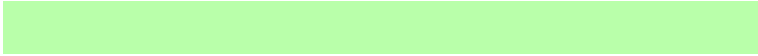
230.9330, 11.8650, 21.1068



219.1400, -25.7050, 31.4492

Rectangle

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



224.3800, -26.8093, -34.5363



197.9900, 24.6549, -114.8782



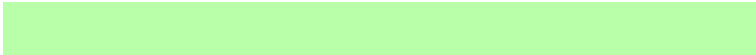
230.9330, 11.8650, 21.1068



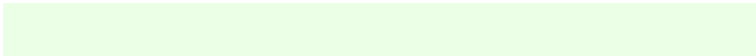
218.8220, 3.5388, 31.7281

Sweetspot

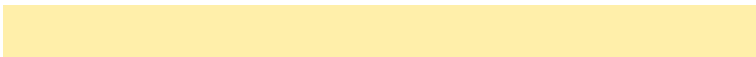
The Sweet Spot groups the original color and five complimentary colors.



224.3800, -26.8093, -34.5363



245.8710, -7.8244, -10.4109



235.9180, -32.4976, 16.7349



122.2890, -5.0725, -6.3925



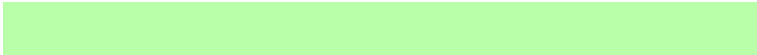
0.0000, 0.0000, 0.0000



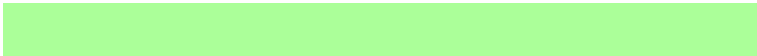
128.0000, 0.0000, 0.0000

Same Dimension

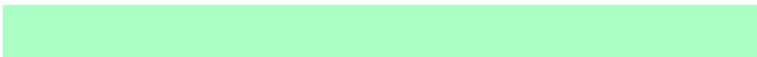
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.3800, -26.8093, -34.5363



218.2560, -32.1712, -41.4435



222.9730, -12.8047, -46.4573



123.2290, -4.0569, -5.4628



122.2830, -60.2855, -77.4242



40.8570, -20.1425, -26.1846

Inverse Universe

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



200.6200, 26.8093, 34.5363



189.7440, 32.1712, 41.4435



202.0270, 12.8047, 46.4573



119.4720, 4.2043, 4.8481



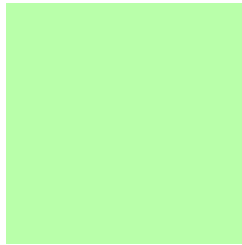
68.7170, 60.2855, 77.4242



22.8440, 20.2899, 25.5698

Previews

White Background



This preview shows how the YUV color 224.3800, -26.8093, -34.5363 looks on a white background.

Color Contrast Check

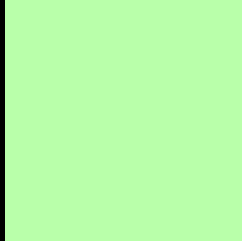
Large Text (above 18pt) WCAG AA × Fail

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 224.3800, -26.8093, -34.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

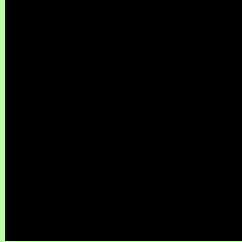
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

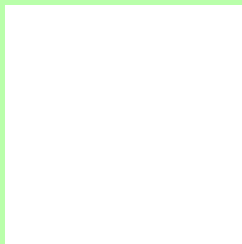
Any Text WCAG AAA ✓ Pass

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

YUV 224.3800, -26.8093, -34.5363 Background



This preview shows how black text looks on a background with the YUV color 224.3800, -26.8093, -34.5363.



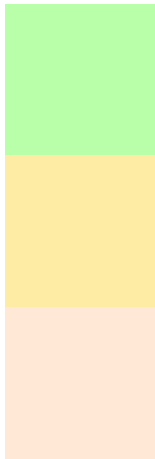
This preview shows how white text looks on a background with the YUV color 224.3800, -26.8093, -34.5363.

-34.5363.

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

224.3800, -26.8093, -34.5363

Protanopia

233.4730, -34.2502, 18.8792

Deuteranopia

236.8250, -11.2527, 15.9395



Tritanopia

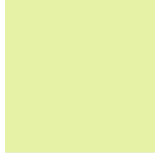
234.2240, 10.2426, -18.6134

Trichromacy



Original Color

224.3800, -26.8093, -34.5363



Protanomaly

230.3350, -31.7172, -0.2938



Deuteranomaly

232.2220, -16.8714, -1.9487



Tritanomaly

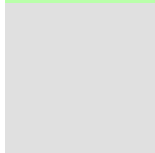
230.6350, -3.2711, -24.2359

Monochromacy



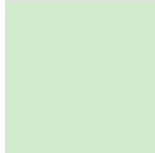
Original Color

224.3800, -26.8093, -34.5363



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

223.9910, -9.8556, -12.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.3800, -26.8093, -34.5363 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(185, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 170)  
}
```

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(185, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 170) }
```

Border

The CSS property to change the border of an element to YUV 224.3800, -26.8093, -34.5363 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(185, 255, 170) }
```


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

```
.border{ border-color:rgb(185, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 255, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 255, 170); box-shadow:4px 4px 4px 4px rgb(185, 255, 170) }
```

Background

The CSS property to change the background color of an element to YUV 224.3800, -26.8093, -34.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 170) }
```

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

```
.background{ background-color: rgb(185,  
255, 170) }
```

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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