

Converting Colors

YUV(224.4600, -4.6638,
-44.2534)

Have a look what the booklet for
YUV(224.4600, -4.6638, -44.2534)
contains.

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Color

**YUV(224.4600, -4.6638,
-44.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFCD7
RGB	174, 252, 215
RGB Percent	68%, 99%, 84%
CMY	0.3176, 0.0118, 0.1569
CMYK	0.31, 0.00, 0.15, 0.01
HSL	152°, 93%, 84%
HSV	152°, 31%, 99%
XYZ	64.5317, 83.5258, 77.0109
YIQ	224.4600, -34.6110, -28.0430

Conversions

Conversions Part 2

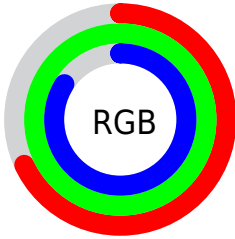
Format	Color
RYB	174, 225, 252
Decimal	11467991
CIELab	93.24, -31.42, 10.16
CIELCh	93, 33.025, 162.087
Yxy	83.5258, 0.2867, 0.3711
Android (android.graphics.Color)	4289658071 (0xFFFAEFC7)
YUV	224.4600, -4.6638, -44.2534
Hunter-Lab	91.3924, -33.8989, 14.0146

Details

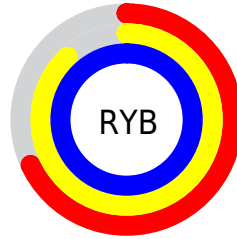
The YUV color **224.4600, -4.6638, -44.2534** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **201.5400, 4.6638, 44.2534**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8240, 3.5378, -14.7546**, and **168.2860, -4.0850, -43.2238** is the 20% darker color. If you saturate the color by 10%, you get **215.6170, -6.2202, -58.4231**, and if you desaturate by 10%, it is **233.3030, -3.1074, -30.0837**.

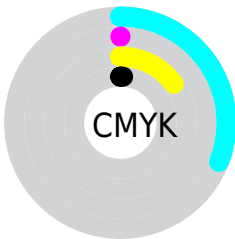
Distribution



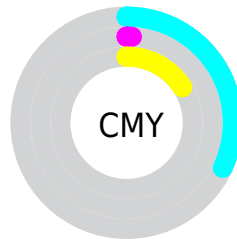
- Red (68%)
- Green (99%)
- Blue (84%)



- Red (68%)
- Yellow (88%)
- Blue (99%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)



- Cyan (32%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.4600, -4.6638, -44.2534 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 224.4600, -4.6638, -44.2534 by changing the saturation by 10% instead.

224.4600, -4.6638,
-44.2534

224.4600, -4.6638,
-44.2534

255.0000, 0.0000,
0.0000

195.8730, -4.3744,
-43.7386

247.8240, 3.5378,
-14.7546

168.2860, -4.0850,
-43.2238

141.4000, -3.6482,
-43.3238

114.9270, -2.9220,
-42.9090

88.4430, -2.1904,
-44.2385

59.7840, 0.5995,
-52.4306

43.1880, -2.0647,

-37.8759

■ 27.4070, -4.1447,
-24.0359

■ 11.1530, -5.4984,
-9.7812

■ 224.4600, -4.6638,
-44.2534

■ 224.4600, -4.6638,
-44.2534

■ 215.6170, -6.2202,
-58.4231

■ 233.3030, -3.1074,
-30.0837

■ 206.7740, -7.7766,
-72.5928

■ 242.1460, -1.5510,
-15.9140

■ 197.6320, -9.1856,
-87.3773

■ 251.2880, -0.1420,
-1.1296

■ 188.7890,
-10.7420, -101.5470

■ 253.2390, 0.8682,
1.5444

■ 179.9460,
-12.2984, -115.7166

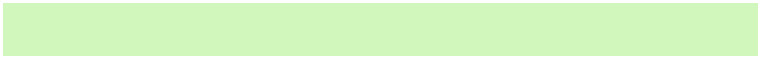
■ 171.1030,
-13.8548, -129.8863

■ 162.9720,
-15.2692, -142.9264

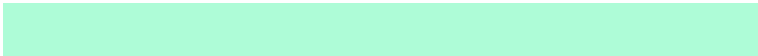
Harmonies

Analogous

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



229.2110, -20.3170, -16.8480



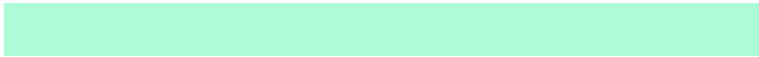
224.4600, -4.6638, -44.2534



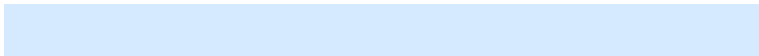
221.3230, 13.1518, -65.1813

Triad

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



224.4600, -4.6638, -44.2534



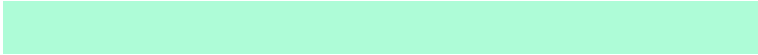
230.4140, 12.1209, -14.3951



225.7400, -15.6478, 25.6610

Complementary

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



224.4600, -4.6638, -44.2534



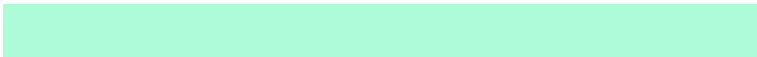
201.5400, 4.6638, 44.2534

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.



226.8120, -1.3863, 24.7209



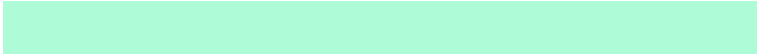
224.4600, -4.6638, -44.2534



236.2160, 9.2605, 16.4736

Square

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



224.4600, -4.6638, -44.2534



223.4270, 15.5655, -45.9785



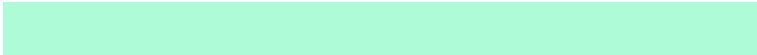
231.5200, 11.5756, 20.5920



229.5580, -26.4041, 22.3126

Rectangle

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



224.4600, -4.6638, -44.2534



219.1530, 17.6726, -68.5402



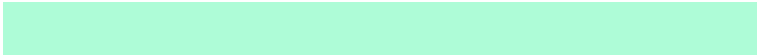
231.5200, 11.5756, 20.5920



225.5920, -11.1379, 25.7908

Sweetspot

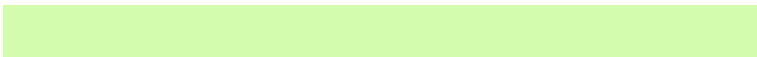
The Sweet Spot groups the original color and five complimentary colors.



224.4600, -4.6638, -44.2534



246.8690, -1.4144, -13.0401



231.1480, -28.1740, -16.7928



122.7170, -0.8465, -8.5218



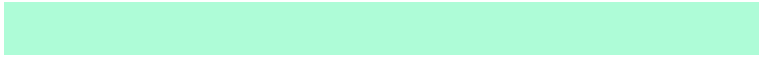
0.0000, 0.0000, 0.0000



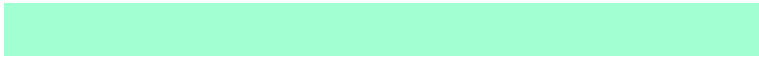
128.0000, 0.0000, 0.0000

Same Dimension

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



224.4600, -4.6638, -44.2534



221.7640, -5.7997, -53.2900



228.0910, 11.7871, -47.4378



120.4290, -0.7045, -7.3922



122.2290, -11.4519, -107.1948



39.4550, -3.6753, -34.6020

Inverse Universe

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



201.5400, 4.6638, 44.2534



194.1220, 5.3629, 53.3900



197.9090, -11.7871, 47.4378



116.5710, 0.7045, 7.3922



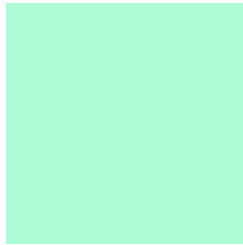
66.7710, 11.4519, 107.1948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 224.4600, -4.6638, -44.2534 looks on a white background.

Color Contrast Check

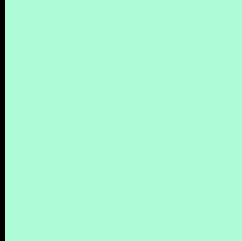
Large Text (above 18pt) WCAG AA × Fail

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 224.4600, -4.6638, -44.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

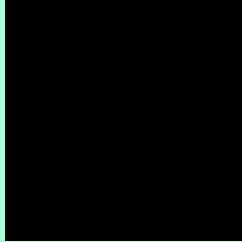
Any Text WCAG AA ✓ Pass

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 224.4600, -4.6638, -44.2534 Background



This preview shows how black text looks on a background with the YUV color 224.4600, -4.6638, -44.2534.



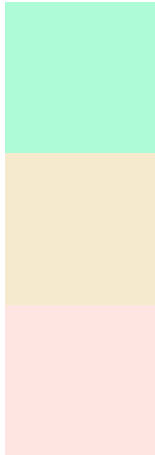
This preview shows how white text looks on a background with the YUV color 224.4600, -4.6638, -44.2534.

-44.2534.

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

224.4600, -4.6638, -44.2534

Protanopia

234.3960, -13.9992, 10.1767

Deuteranopia

236.3180, -5.5798, 16.3841



Tritanopia

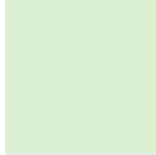
231.8210, 11.4272, -25.2760

Trichromacy



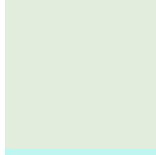
Original Color

224.4600, -4.6638, -44.2534



Protanomaly

231.0730, -10.8820, -9.7110



Deuteranomaly

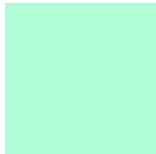
231.8870, -5.3673, -5.1629



Tritanomaly

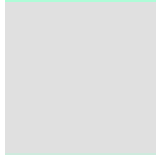
229.1700, 5.3392, -32.5981

Monochromacy



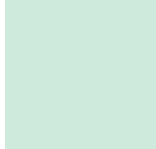
Original Color

224.4600, -4.6638, -44.2534



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

224.1460, -1.5510, -15.9140

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.4600, -4.6638, -44.2534 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(174, 252, 215)` looks like.

```
.text, #text, p{  
    color:rgb(174, 252, 215)  
}
```

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(174, 252, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 252, 215) }
```

Border

The CSS property to change the border of an element to YUV 224.4600, -4.6638, -44.2534 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(174, 252, 215) }
```


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

```
.border{ border-color:rgb(174, 252, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 252, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 252, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 252, 215);  
box-shadow:4px 4px 4px 4px rgb(174, 252,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 224.4600, -4.6638, -44.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 252, 215) }
```

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

```
.background{ background-color: rgb(174,  
252, 215) }
```

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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