

Converting Colors

YUV(222.2160, -24.7565,
-39.6544)

Have a look what the booklet for
YUV(222.2160, -24.7565, -39.6544)
contains.

YUV(222.2160, -24.7565, -39.6544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(222.2160, -24.7565,
-39.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FFAC
RGB	177, 255, 172
RGB Percent	69%, 100%, 67%
CMY	0.3059, 0.0000, 0.3255
CMYK	0.31, 0.00, 0.33, 0.00
HSL	116°, 100%, 84%
HSV	116°, 33%, 100%
XYZ	61.3379, 83.8457, 51.9807
YIQ	222.2160, -19.8450, -42.3490

Conversions

Conversions Part 2

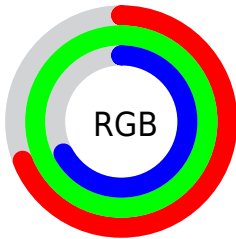
Format	Color
RYB	172, 255, 250
Decimal	11665324
CIELab	93.38, -39.40, 32.28
CIElCh	93, 50.934, 140.670
Yxy	83.8457, 0.3111, 0.4253
Android (android.graphics.Color)	4289855404 (0xFFB1FFAC)
YUV	222.2160, -24.7565, -39.6544
Hunter-Lab	91.5673, -40.6716, 30.4395

Details

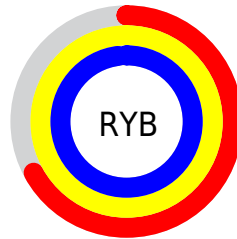
The YUV color **222.2160, -24.7565, -39.6544** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **204.7840, 24.7565, 39.6544**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6430, -8.6980, -10.2109**, and **166.2700, -23.3041, -38.8248** is the 20% darker color. If you saturate the color by 10%, you get **212.1900, -32.1387, -51.9096**, and if you desaturate by 10%, it is **232.3560, -16.9375, -27.4992**.

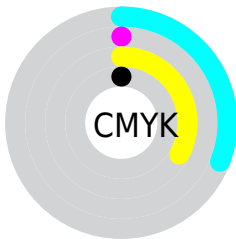
Distribution



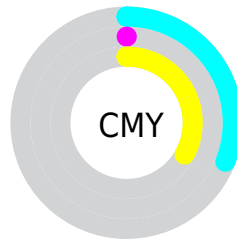
- Red (69%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2160, -24.7565, -39.6544 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 222.2160, -24.7565, -39.6544 by changing the saturation by 10% instead.

■ 222.2160,
-24.7565, -39.6544

■ 222.2160,
-24.7565, -39.6544

255.0000, 0.0000,
0.0000

■ 193.7430,
-24.0303, -39.2396

■ 245.6430, -8.6980,
-10.2109

■ 166.2700,
-23.3041, -38.8248

■ 138.9110,
-22.1411, -38.5099

■ 112.1390,
-21.2675, -38.7099

■ 85.4700, -19.9517,
-40.7542

■ 56.3980, -17.4512,
-49.4610

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 11.7400, -5.7878,
-10.2960

■ 222.2160,
-24.7565, -39.6544

■ 222.2160,
-24.7565, -39.6544

■ 212.1900,
-32.1387, -51.9096

■ 232.3560,
-16.9375, -27.4992

■ 202.0500,
-39.9577, -64.0649

■ 242.3820, -9.5553,
-15.2440

■ 192.0240,
-47.3398, -76.3200

■ 252.5220, -1.7363,
-3.0888

■ 181.8840,
-55.1588, -88.4753

255.0000, 0.0000,
0.0000

■ 171.8580,
-62.5410, -100.7305

■ 161.7180,
-70.3600, -112.8857

■ 154.1700,
-76.0058, -122.0521

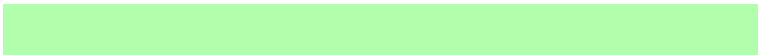
Harmonies

Analogous

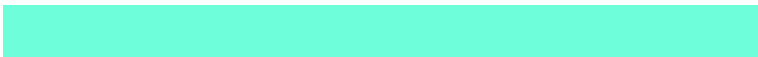
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.3820, -43.0793, 4.0500



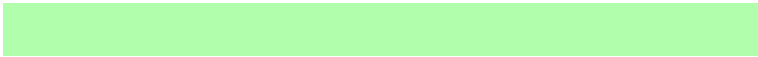
222.2160, -24.7565, -39.6544



207.4270, 5.2125, -85.4435

Triad

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



222.2160, -24.7565, -39.6544



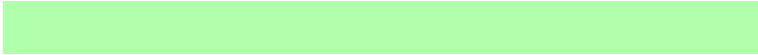
213.2390, 20.5882, -70.3696



216.3140, -6.0708, 33.9276

Complementary

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



222.2160, -24.7565, -39.6544



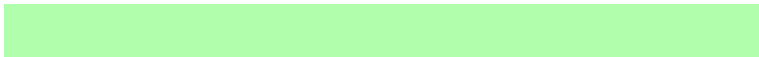
204.7840, 24.7565, 39.6544

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.



221.9000, 15.3323, 29.0287



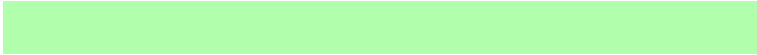
222.2160, -24.7565, -39.6544



228.9740, 12.8308, -8.7472

Square

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



222.2160, -24.7565, -39.6544



178.7550, 37.5888, -156.7681



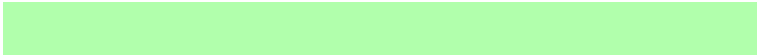
229.1720, 12.7332, 22.6512



218.5700, -27.8890, 31.9491

Rectangle

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



222.2160, -24.7565, -39.6544



192.4660, 29.3503, -127.5737



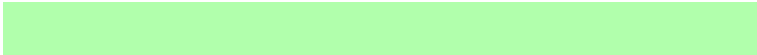
229.1720, 12.7332, 22.6512



216.9640, 1.4967, 33.3576

Sweetspot

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



222.2160, -24.7565, -39.6544



244.9740, -7.3822, -12.2552



242.0160, -34.5179, 11.3870



121.6910, -4.7777, -7.6220



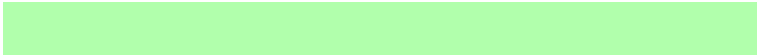
0.0000, 0.0000, 0.0000



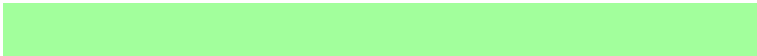
128.0000, 0.0000, 0.0000

Same Dimension

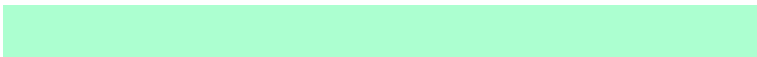
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.2160, -24.7565, -39.6544



215.9070, -29.5342, -47.2764



224.8250, -8.2947, -46.3275



122.9300, -3.9095, -6.0776



115.7050, -57.0426, -90.9493



38.7640, -19.1107, -30.4880

Inverse Universe

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



204.7840, 24.7565, 39.6544



195.0930, 29.5342, 47.2764



202.1750, 8.2947, 46.3275



120.0700, 3.9095, 6.0776



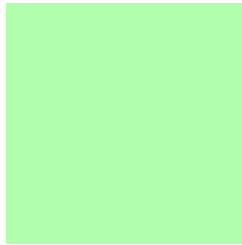
75.5940, 56.8952, 91.5641



25.2360, 19.1107, 30.4880

Previews

White Background



This preview shows how the YUV color 222.2160, -24.7565, -39.6544 looks on a white background.

Color Contrast Check

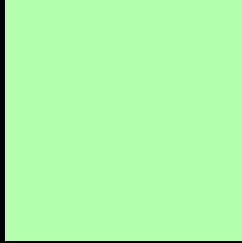
Large Text (above 18pt) WCAG AA × Fail

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 222.2160, -24.7565, -39.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

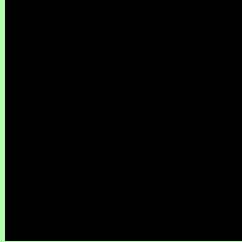
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

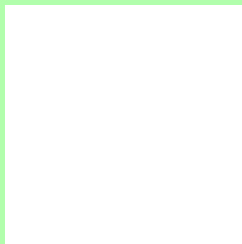
Any Text WCAG AAA ✓ Pass

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

YUV 222.2160, -24.7565, -39.6544 Background



This preview shows how black text looks on a background with the YUV color 222.2160, -24.7565, -39.6544.



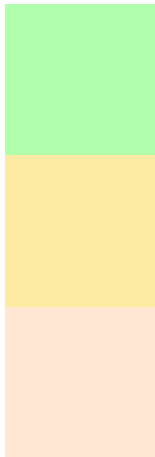
This preview shows how white text looks on a background with the YUV color 222.2160, -24.7565, -39.6544.

-39.6544.

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

222.2160, -24.7565, -39.6544

Protanopia

232.4730, -34.2502, 18.8792

Deuteranopia

235.8960, -12.2737, 16.7542



Tritanopia

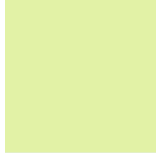
232.4300, 11.1270, -22.3021

Trichromacy



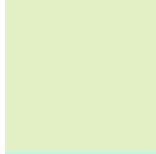
Original Color

222.2160, -24.7565, -39.6544



Protanomaly

228.5520, -30.8381, -2.2381



Deuteranomaly

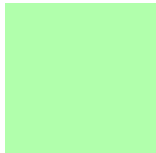
231.2110, -16.8660, -3.6930



Tritanomaly

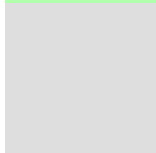
228.6560, -1.8024, -28.6393

Monochromacy



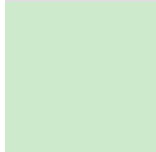
Original Color

222.2160, -24.7565, -39.6544



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.2080, -8.9765, -14.2144

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2160, -24.7565, -39.6544 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(177, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 172)  
}
```

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(177, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 172) }
```

Border

The CSS property to change the border of an element to YUV 222.2160, -24.7565, -39.6544 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(177, 255, 172) }
```


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

```
.border{ border-color:rgb(177, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 222.2160, -24.7565, -39.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 172) }
```

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

```
.background{ background-color: rgb(177,  
255, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor