

Converting Colors

YUV(223.6120, -21.9937,
-39.1247)

Have a look what the booklet for
YUV(223.6120, -21.9937, -39.1247)
contains.

YUV(223.6120, -21.9937, -39.1247)	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(223.6120, -21.9937,
-39.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFB3
RGB	179, 255, 179
RGB Percent	70%, 100%, 70%
CMY	0.2980, 0.0000, 0.2980
CMYK	0.30, 0.00, 0.30, 0.00
HSL	120°, 100%, 85%
HSV	120°, 30%, 100%
XYZ	62.4871, 84.3584, 55.6372
YIQ	223.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

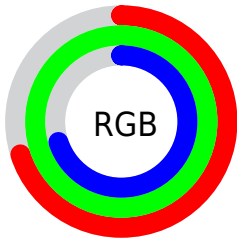
Format	Color
RYB	179, 255, 255
Decimal	11796403
CIELab	93.61, -37.67, 29.08
CIElCh	94, 47.594, 142.335
Yxy	84.3584, 0.3086, 0.4166
Android (android.graphics.Color)	4289986483 (0xFFB3FFB3)
YUV	223.6120, -21.9937, -39.1247
Hunter-Lab	91.8468, -39.2912, 28.3772

Details

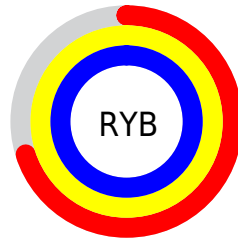
The YUV color **223.6120, -21.9937, -39.1247** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **210.3880, 21.9937, 39.1247**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.0390, -5.9352, -9.6812**, and **167.6660, -20.5413, -38.2951** is the 20% darker color. If you saturate the color by 10%, you get **212.8740, -29.5179, -52.5095**, and if you desaturate by 10%, it is **233.9370, -14.7589, -26.2547**.

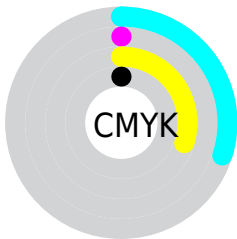
Distribution



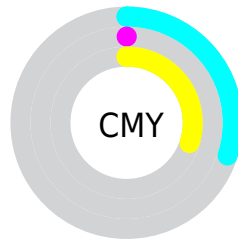
- Red (70%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.6120, -21.9937, -39.1247 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 223.6120, -21.9937, -39.1247 by changing the saturation by 10% instead.

■ 223.6120,
-21.9937, -39.1247

■ 223.6120,
-21.9937, -39.1247

255.0000, 0.0000,
0.0000

■ 195.1390,
-21.2675, -38.7099

■ 247.0390, -5.9352,
-9.6812

■ 167.6660,
-20.5413, -38.2951

■ 140.1930,
-19.8151, -37.8803

■ 113.5350,
-18.5048, -38.1802

■ 87.4640, -17.4838,
-38.9949

■ 59.4030, -14.9887,
-45.9574

■ 40.4860, -17.4946,

-35.5062

■ 26.4150, -13.0226,
-23.1660

■ 12.3270, -6.0772,
-10.8108

■ 223.6120,
-21.9937, -39.1247

■ 223.6120,
-21.9937, -39.1247

■ 212.8740,
-29.5179, -52.5095

■ 233.9370,
-14.7589, -26.2547

■ 202.5490,
-36.7527, -65.3795

■ 244.6750, -7.2348,
-12.8700

■ 191.8110,
-44.2768, -78.7642

255.0000, 0.0000,
0.0000

■ 181.4860,
-51.5116, -91.6342

■ 170.7480,
-59.0358, -105.0190

■ 160.4230,
-66.2705, -117.8890

■ 149.6850,
-73.7947, -131.2737

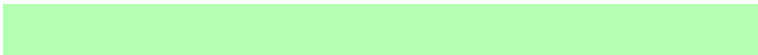
Harmonies

Analogous

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



229.6960, -39.2901, 2.0206



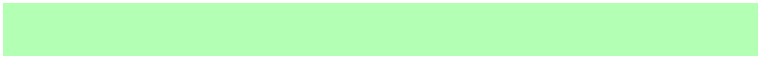
223.6120, -21.9937, -39.1247



210.6880, 6.0698, -80.4104

Triad

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



223.6120, -21.9937, -39.1247



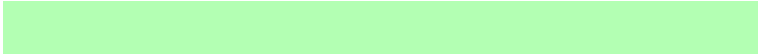
217.7350, 18.3716, -59.4036



218.6620, -7.2284, 31.8684

Complementary

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



223.6120, -21.9937, -39.1247



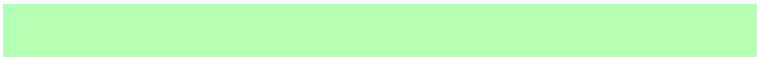
210.3880, 21.9937, 39.1247

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.



223.3190, 13.1537, 27.7842



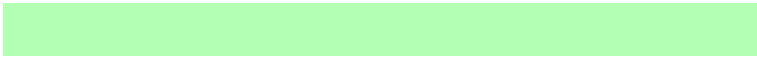
223.6120, -21.9937, -39.1247



230.7680, 11.9464, -5.0585

Square

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



223.6120, -21.9937, -39.1247



199.6850, 27.2703, -113.7337



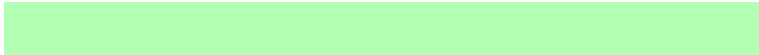
230.3460, 12.1544, 21.6216



220.7870, -27.0100, 30.0048

Rectangle

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



223.6120, -21.9937, -39.1247



201.4790, 26.3859, -110.0451



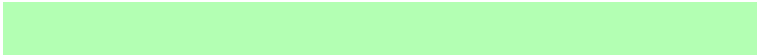
230.3460, 12.1544, 21.6216



219.1980, -0.0976, 31.3984

Sweetspot

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



223.6120, -21.9937, -39.1247



245.5010, -6.6560, -11.8404



246.3360, -33.1966, 7.5983



121.8050, -4.3409, -7.7220



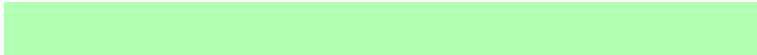
0.0000, 0.0000, 0.0000



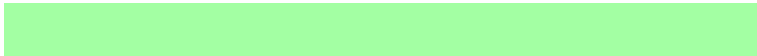
128.0000, 0.0000, 0.0000

Same Dimension

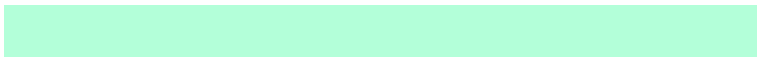
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.6120, -21.9937, -39.1247



217.0040, -26.6240, -47.3615



227.9440, -5.3954, -42.9239



122.6310, -3.7621, -6.6924



112.1170, -55.2737, -98.3266



37.5680, -18.5210, -32.9471

Inverse Universe

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



210.3880, 21.9937, 39.1247



200.9960, 26.6240, 47.3615



206.0560, 5.3954, 42.9239



120.3690, 3.7621, 6.6924



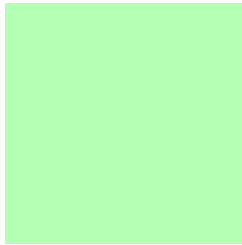
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 223.6120, -21.9937, -39.1247 looks on a white background.

Color Contrast Check

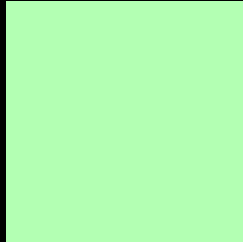
Large Text (above 18pt) WCAG AA × Fail

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 223.6120, -21.9937, -39.1247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

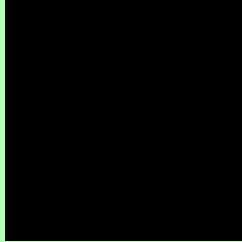
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

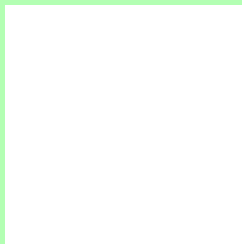
Any Text WCAG AAA ✓ Pass

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

YUV 223.6120, -21.9937, -39.1247 Background



This preview shows how black text looks on a background with the YUV color 223.6120, -21.9937, -39.1247.



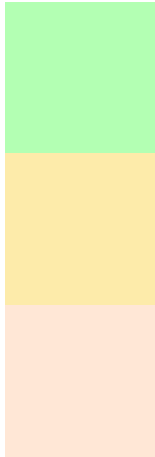
This preview shows how white text looks on a background with the YUV color 223.6120, -21.9937, -39.1247.

-39.1247.

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

223.6120, -21.9937, -39.1247

Protanopia

232.9720, -31.0452, 17.5646

Deuteranopia

236.2380, -10.9633, 16.4543



Tritanopia

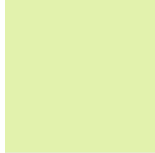
233.0280, 10.8322, -21.0726

Trichromacy



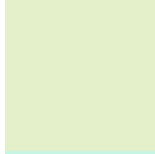
Original Color

223.6120, -21.9937, -39.1247



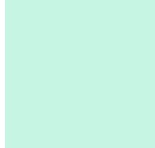
Protanomaly

229.3500, -27.7805, -2.9379



Deuteranomaly

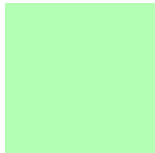
231.6670, -15.1188, -4.0930



Tritanomaly

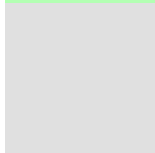
229.4820, -1.2236, -27.6097

Monochromacy



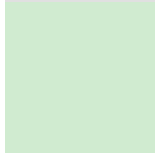
Original Color

223.6120, -21.9937, -39.1247



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

223.8490, -7.8136, -13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.6120, -21.9937, -39.1247 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(179, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 179)  
}
```

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(179, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 179) }
```

Border

The CSS property to change the border of an element to YUV 223.6120, -21.9937, -39.1247 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(179, 255, 179) }
```


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

```
.border{ border-color:rgb(179, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 223.6120, -21.9937, -39.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 179) }
```

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

```
.background{ background-color: rgb(179,  
255, 179) }
```

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