

Converting Colors

YUV(221.3590, -11.5160,
-39.7798)

Have a look what the booklet for
YUV(221.3590, -11.5160, -39.7798)
contains.

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Color

**YUV(221.3590, -11.5160,
-39.7798)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F9C6
RGB	176, 249, 198
RGB Percent	69%, 98%, 78%
CMY	0.3098, 0.0235, 0.2235
CMYK	0.29, 0.00, 0.20, 0.02
HSL	138°, 86%, 83%
HSV	138°, 29%, 98%
XYZ	61.9732, 81.0587, 65.8056
YIQ	221.3590, -27.1370, -31.3370

Conversions

Conversions Part 2

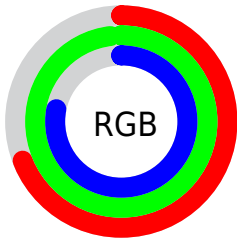
Format	Color
RYB	176, 232, 249
Decimal	11598278
CIELab	92.16, -32.63, 17.38
CIELCh	92, 36.970, 151.952
Yxy	81.0587, 0.2968, 0.3881
Android (android.graphics.Color)	4289788358 (0xFFB0F9C6)
YUV	221.3590, -11.5160, -39.7798
Hunter-Lab	90.0326, -34.6880, 19.6872

Details

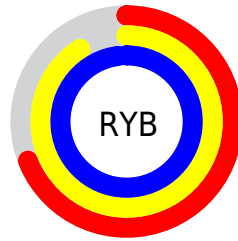
The YUV color **221.3590, -11.5160, -39.7798** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **203.6410, 11.5160, 39.7798**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4220, 3.2430, -13.5251**, and **165.2990, -10.5004, -38.8502** is the 20% darker color. If you saturate the color by 10%, you get **211.9460, -15.2564, -53.4496**, and if you desaturate by 10%, it is **230.7720, -7.7756, -26.1100**.

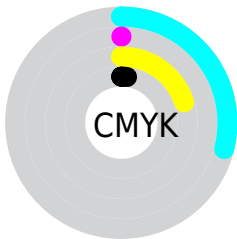
Distribution



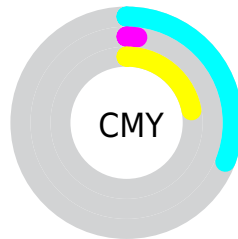
- Red (69%)
- Green (98%)
- Blue (78%)



- Red (69%)
- Yellow (91%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (31%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3590, -11.5160, -39.7798 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 221.3590, -11.5160, -39.7798 by changing the saturation by 10% instead.

■ 221.3590,
-11.5160, -39.7798

■ 221.3590,
-11.5160, -39.7798

255.0000, 0.0000,
0.0000

■ 192.8860,
-10.7898, -39.3650

■ 248.4220, 3.2430,
-13.5251

■ 165.2990,
-10.5004, -38.8502

■ 138.7120,
-10.2110, -38.3354

■ 112.2390, -9.4848,
-37.9206

■ 86.2820, -8.0270,
-38.8353

■ 59.1180, -5.9742,
-43.9535

■ 40.5320, -7.1643,

-35.5466

■ 24.0670, -11.8650,
-21.1068

■ 8.2180, -4.0515,
-7.2072

■ 221.3590,
-11.5160, -39.7798

■ 221.3590,
-11.5160, -39.7798

■ 211.9460,
-15.2564, -53.4496

■ 230.7720, -7.7756,
-26.1100

■ 202.4190,
-19.4336, -67.0195

■ 240.2990, -3.5984,
-12.5402

■ 193.0060,
-23.1740, -80.6893

■ 249.7120, 0.1420,
1.1296

■ 183.4790,
-27.3511, -94.2591

■ 251.4780, 1.7363,
3.0888

■ 174.3650,
-31.2389, -107.3141

■ 164.9520,
-34.9793, -120.9839

■ 155.4250,
-39.1565, -134.5537

■ 154.7130,
-39.2985, -135.6833

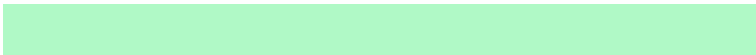
Harmonies

Analogous

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



226.4310, -27.3275, -8.2710



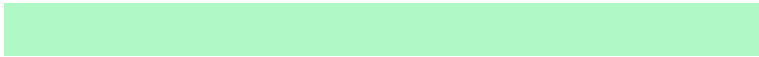
221.3590, -11.5160, -39.7798



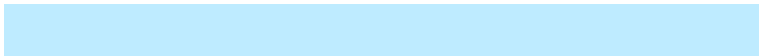
215.8620, 8.9420, -68.2850

Triad

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



221.3590, -11.5160, -39.7798



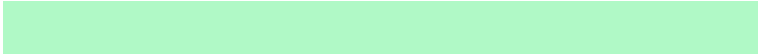
223.8250, 15.3693, -29.6645



221.3860, -12.0223, 29.4795

Complementary

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



221.3590, -11.5160, -39.7798



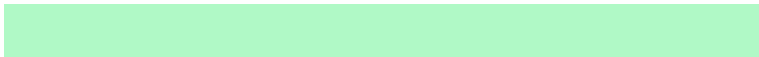
203.6410, 11.5160, 39.7798

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.



223.5010, 3.6970, 27.6246



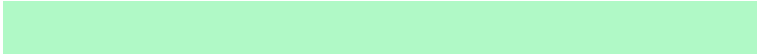
221.3590, -11.5160, -39.7798



232.0300, 11.3242, 7.8667

Square

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



221.3590, -11.5160, -39.7798



215.0440, 19.6983, -64.9366



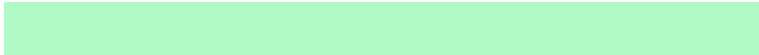
229.1720, 12.7332, 22.6512



224.2920, -26.2730, 26.9309

Rectangle

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



221.3590, -11.5160, -39.7798



213.4720, 20.4733, -80.2209



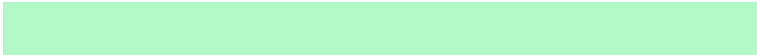
229.1720, 12.7332, 22.6512



221.4660, -6.6387, 29.4093

Sweetspot

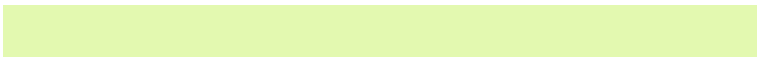
The Sweet Spot groups the original color and five complimentary colors.



221.3590, -11.5160, -39.7798



246.2990, -3.5984, -12.5402



234.1000, -28.6433, -6.2267



122.3750, -2.1569, -8.2219



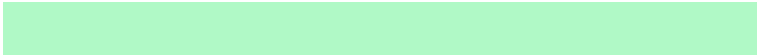
0.0000, 0.0000, 0.0000



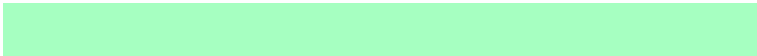
128.0000, 0.0000, 0.0000

Same Dimension

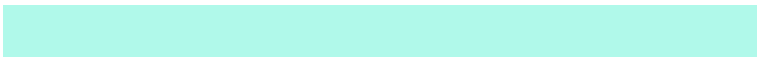
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.3590, -11.5160, -39.7798



221.3210, -13.9623, -48.5165



225.4630, 4.2087, -43.3791



120.0870, -2.0149, -7.0923



117.4410, -29.7974, -102.9958



37.8590, -9.7905, -33.2023

Inverse Universe

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



203.6410, 11.5160, 39.7798



199.6790, 13.9623, 48.5165



199.5370, -4.2087, 43.3791



116.9130, 2.0149, 7.0923



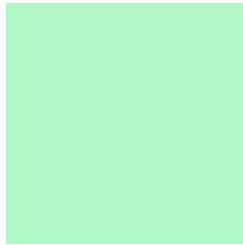
71.5590, 29.7974, 102.9958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 221.3590, -11.5160, -39.7798 looks on a white background.

Color Contrast Check

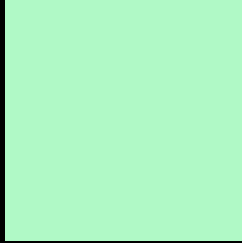
Large Text (above 18pt) WCAG AA × Fail

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 221.3590, -11.5160, -39.7798 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 221.3590, -11.5160, -39.7798 Background



This preview shows how black text looks on a background with the YUV color 221.3590, -11.5160, -39.7798.



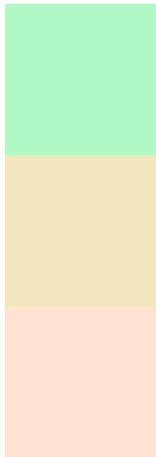
This preview shows how white text looks on a background with the YUV color 221.3590, -11.5160, -39.7798.

-39.7798.

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

221.3590, -11.5160, -39.7798

Protanopia

230.3980, -20.4092, 12.8060

Deuteranopia

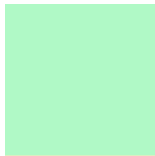
233.0750, -10.3900, 19.2282



Tritanopia

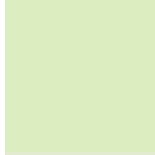
228.2660, 13.1799, -27.4203

Trichromacy



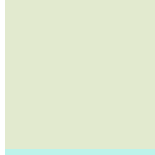
Original Color

221.3590, -11.5160, -39.7798



Protanomaly

227.3740, -17.4394, -6.4670



Deuteranomaly

228.5300, -10.6143, -2.2188



Tritanomaly

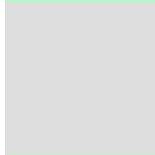
225.8280, 4.0288, -32.2982

Monochromacy



Original Color

221.3590, -11.5160, -39.7798



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.1740, -4.0298, -14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3590, -11.5160, -39.7798 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(176, 249, 198)` looks like.

```
.text, #text, p{  
    color:rgb(176, 249, 198)  
}
```

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(176, 249, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 249, 198) }
```

Border

The CSS property to change the border of an element to YUV 221.3590, -11.5160, -39.7798 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(176, 249, 198) }
```


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

```
.border{ border-color:rgb(176, 249, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 249, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 249, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 249, 198);  
box-shadow:4px 4px 4px 4px rgb(176, 249,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 221.3590, -11.5160, -39.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 249, 198) }
```

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

```
.background{ background-color: rgb(176,  
249, 198) }
```

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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