

Converting Colors

YUV(221.5090, -22.4359,
-37.2804)

Have a look what the booklet for
YUV(221.5090, -22.4359, -37.2804)
contains.

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Color

**YUV(221.5090, -22.4359,
-37.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FCB0
RGB	179, 252, 176
RGB Percent	70%, 99%, 69%
CMY	0.2980, 0.0118, 0.3098
CMYK	0.29, 0.00, 0.30, 0.01
HSL	118°, 93%, 84%
HSV	118°, 30%, 99%
XYZ	61.2373, 82.3391, 53.7398
YIQ	221.5090, -19.1120, -39.1120

Conversions

Conversions Part 2

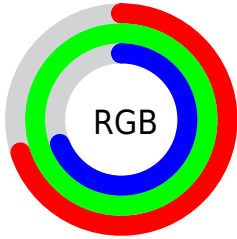
Format	Color
RYB	176, 252, 249
Decimal	11795632
CIELab	92.72, -36.79, 29.40
CIElCh	93, 47.097, 141.372
Yxy	82.3391, 0.3104, 0.4173
Android (android.graphics.Color)	4289985712 (0xFFB3FCB0)
YUV	221.5090, -22.4359, -37.2804
Hunter-Lab	90.7409, -38.3343, 28.4051

Details

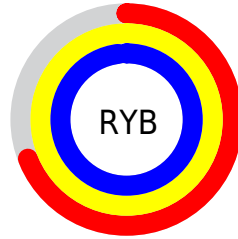
The YUV color **221.5090, -22.4359, -37.2804** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **206.4910, 22.4359, 37.2804**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6970, -7.2456, -9.3813**, and **165.5630, -20.9836, -36.4508** is the 20% darker color. If you saturate the color by 10%, you get **211.4830, -29.8181, -49.5356**, and if you desaturate by 10%, it is **231.5350, -15.0538, -25.0252**.

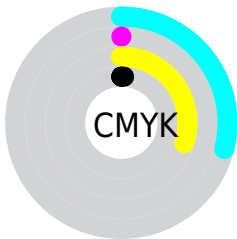
Distribution



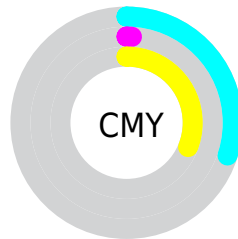
- Red (70%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)



- Cyan (30%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.5090, -22.4359, -37.2804 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 221.5090, -22.4359, -37.2804 by changing the saturation by 10% instead.

■ 221.5090,
-22.4359, -37.2804

■ 221.5090,
-22.4359, -37.2804

255.0000, 0.0000,
0.0000

■ 193.0360,
-21.7097, -36.8656

■ 246.6970, -7.2456,
-9.3813

■ 165.5630,
-20.9836, -36.4508

■ 138.7910,
-20.1100, -36.6507

■ 112.3180,
-19.3838, -36.2359

■ 86.2470, -18.3628,
-37.0506

■ 58.7840, -16.1625,
-42.7836

■ 38.9700, -18.2262,

-34.1767

■ 25.2410, -12.4438,
-22.1364

■ 9.9790, -4.9196,
-8.7516

■ 221.5090,
-22.4359, -37.2804

■ 221.5090,
-22.4359, -37.2804

■ 211.4830,
-29.8181, -49.5356

■ 231.5350,
-15.0538, -25.0252

■ 201.4570,
-37.2003, -61.7908

■ 241.5610, -7.6716,
-12.7700

■ 191.0180,
-44.8719, -74.5608

■ 252.0000, 0.0000,
0.0000

■ 180.9920,
-52.2541, -86.8160

■ 253.2390, 0.8682,
1.5444

■ 170.9660,
-59.6362, -99.0712

■ 160.9400,
-67.0184, -111.3264

■ 150.9140,
-74.4006, -123.5816

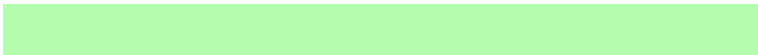
Harmonies

Analogous

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



227.4080, -39.1481, 3.1502



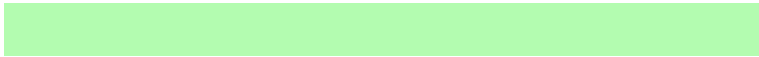
221.5090, -22.4359, -37.2804



210.5310, 4.1752, -79.3957

Triad

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



221.5090, -22.4359, -37.2804



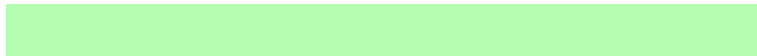
215.3650, 19.5401, -60.8331



216.7870, -6.7970, 33.5128

Complementary

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



221.5090, -22.4359, -37.2804



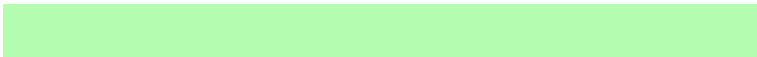
206.4910, 22.4359, 37.2804

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.



222.0310, 13.2957, 28.9138



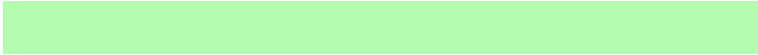
221.5090, -22.4359, -37.2804



228.3980, 13.1148, -6.4880

Square

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



221.5090, -22.4359, -37.2804



197.9130, 28.1439, -113.9337



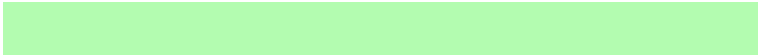
229.1720, 12.7332, 22.6512



218.9120, -26.5786, 31.6492

Rectangle

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



221.5090, -22.4359, -37.2804



201.5070, 23.9070, -108.3156



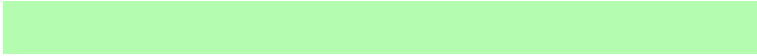
229.1720, 12.7332, 22.6512



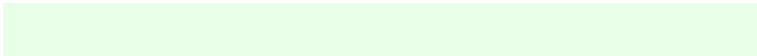
217.9100, 0.0444, 32.5279

Sweetspot

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



221.5090, -22.4359, -37.2804



245.8000, -6.8034, -11.2256



240.9880, -32.0391, 9.6575



122.1040, -4.4883, -7.1072



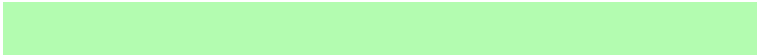
0.0000, 0.0000, 0.0000



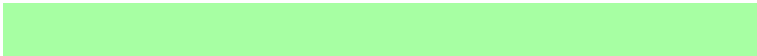
128.0000, 0.0000, 0.0000

Same Dimension

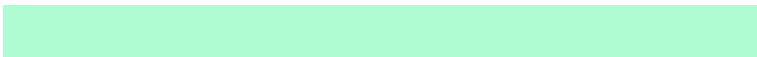
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.5090, -22.4359, -37.2804



218.2000, -27.2136, -44.9024



224.4880, -7.1426, -42.5240



119.9300, -3.9095, -6.0776



113.0360, -55.7267, -92.9936



36.4050, -17.9477, -30.1732

Inverse Universe

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



206.4910, 22.4359, 37.2804



199.8000, 27.2136, 44.9024



203.5120, 7.1426, 42.5240



117.0700, 3.9095, 6.0776



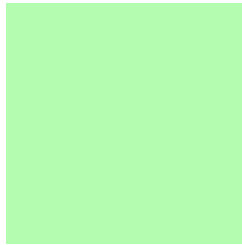
75.6650, 55.8742, 92.3788



24.5950, 17.9477, 30.1732

Previews

White Background



This preview shows how the YUV color 221.5090, -22.4359, -37.2804 looks on a white background.

Color Contrast Check

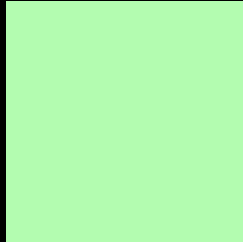
Large Text (above 18pt) WCAG AA × Fail

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 221.5090, -22.4359, -37.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

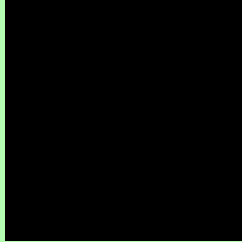
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

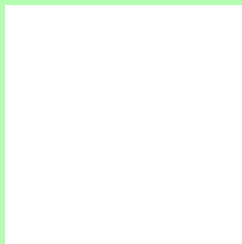
Any Text WCAG AAA ✓ Pass

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

YUV 221.5090, -22.4359, -37.2804 Background



This preview shows how black text looks on a background with the YUV color 221.5090, -22.4359, -37.2804.



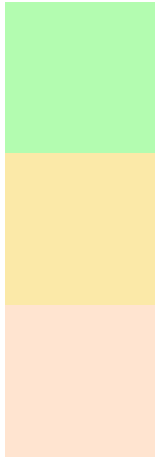
This preview shows how white text looks on a background with the YUV color 221.5090, -22.4359, -37.2804.

-37.2804.

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

221.5090, -22.4359, -37.2804

Protanopia

230.9720, -31.0452, 17.5646

Deuteranopia

233.7930, -12.7159, 18.5985



Tritanopia

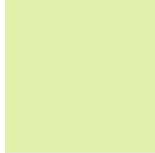
230.6470, 12.0060, -24.2464

Trichromacy



Original Color

221.5090, -22.4359, -37.2804



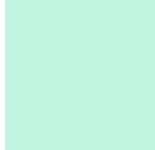
Protanomaly

227.6490, -27.9280, -2.3232



Deuteranomaly

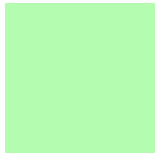
229.3360, -16.4346, -2.0487



Tritanomaly

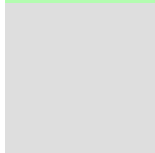
226.9980, -0.4920, -28.9392

Monochromacy



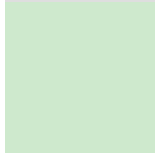
Original Color

221.5090, -22.4359, -37.2804



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.7350, -8.2504, -13.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.5090, -22.4359, -37.2804 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, 252, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 252, 176)  
}
```

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, 252, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 252, 176) }
```

Border

The CSS property to change the border of an element to YUV 221.5090, -22.4359, -37.2804 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, 252, 176) }
```


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

```
.border{ border-color:rgb(179, 252, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 252, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 252, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 252, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 252,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 221.5090, -22.4359, -37.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 252, 176) }
```

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

```
.background{ background-color: rgb(179,  
252, 176) }
```

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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