

Converting Colors

YUV(221.3520, -24.3305,
-36.2657)

Have a look what the booklet for
YUV(221.3520, -24.3305, -36.2657)
contains.

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Color

**YUV(221.3520, -24.3305,
-36.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FCAC
RGB	180, 252, 172
RGB Percent	71%, 99%, 67%
CMY	0.2941, 0.0118, 0.3255
CMYK	0.29, 0.00, 0.32, 0.01
HSL	114°, 93%, 83%
HSV	114°, 32%, 99%
XYZ	61.0792, 82.3027, 51.6965
YIQ	221.3520, -17.2320, -40.1440

Conversions

Conversions Part 2

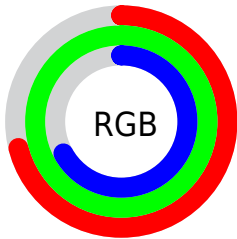
Format	Color
RYB	172, 252, 244
Decimal	11861164
CIELab	92.71, -37.10, 31.40
CIELCh	93, 48.602, 139.752
Yxy	82.3027, 0.3131, 0.4219
Android (android.graphics.Color)	4290051244 (0xFFB4FCAC)
YUV	221.3520, -24.3305, -36.2657
Hunter-Lab	90.7208, -38.5835, 29.7186

Details

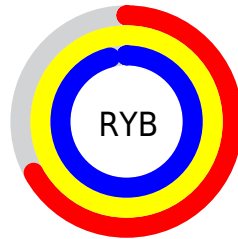
The YUV color **221.3520, -24.3305, -36.2657** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **202.6480, 24.3305, 36.2657**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5400, -9.1402, -8.3666**, and **165.4060, -22.8782, -35.4361** is the 20% darker color. If you saturate the color by 10%, you get **211.6250, -31.8601, -47.9061**, and if you desaturate by 10%, it is **231.0790, -16.8009, -24.6253**.

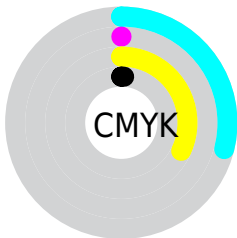
Distribution



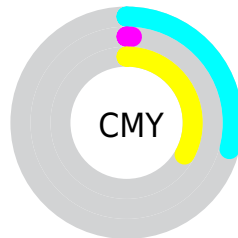
- Red (71%)
- Green (99%)
- Blue (67%)



- Red (67%)
- Yellow (99%)
- Blue (96%)



- Cyan (29%)
- Magenta (0%)
- Yellow (32%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3520, -24.3305, -36.2657 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 221.3520, -24.3305, -36.2657 by changing the saturation by 10% instead.

■ 221.3520,
-24.3305, -36.2657

■ 221.3520,
-24.3305, -36.2657

255.0000, 0.0000,
0.0000

■ 192.8790,
-23.6043, -35.8509

■ 246.5400, -9.1402,
-8.3666

■ 165.4060,
-22.8782, -35.4361

■ 138.6340,
-22.0046, -35.6360

■ 112.1610,
-21.2784, -35.2212

■ 86.2040, -19.8206,
-36.1359

■ 58.9260, -18.2045,
-41.1541

■ 38.7420, -19.0998,

-33.9767

■ 25.2410, -12.4438,
-22.1364

■ 9.9790, -4.9196,
-8.7516

■ 221.3520,
-24.3305, -36.2657

■ 221.3520,
-24.3305, -36.2657

■ 211.6250,
-31.8601, -47.9061

■ 231.0790,
-16.8009, -24.6253

■ 202.1970,
-39.5371, -58.9318

■ 240.5070, -9.1240,
-13.5996

■ 192.3560,
-47.5035, -70.4722

■ 250.3480, -1.1576,
-2.0592

■ 182.6290,
-55.0331, -82.1126

■ 253.2390, 0.8682,
1.5444

■ 173.2010,
-62.7101, -93.1383

■ 163.4740,
-70.2397, -104.7787

■ 155.3990,
-76.6117, -114.3599

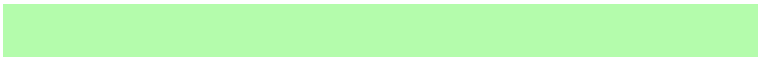
Harmonies

Analogous

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



227.8490, -41.3376, 5.3944



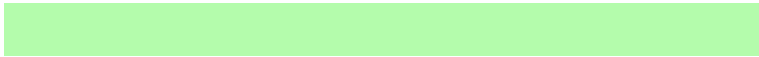
221.3520, -24.3305, -36.2657



209.5910, 3.1596, -80.3253

Triad

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



221.3520, -24.3305, -36.2657



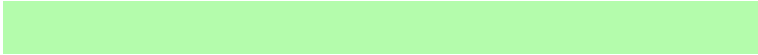
213.2610, 20.5773, -66.8809



216.4280, -5.6340, 33.8276

Complementary

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



221.3520, -24.3305, -36.2657



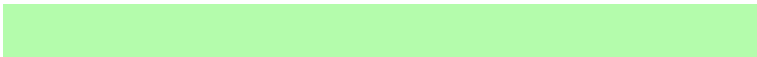
202.6480, 24.3305, 36.2657

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.



221.7860, 14.8955, 29.1287



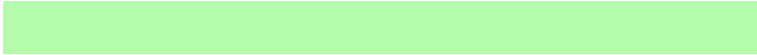
221.3520, -24.3305, -36.2657



227.4900, 13.5624, -10.0767

Square

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



221.3520, -24.3305, -36.2657



191.3240, 31.3923, -129.2031



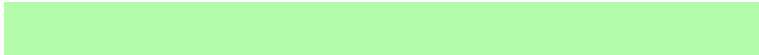
229.1720, 12.7332, 22.6512



218.3250, -26.2892, 32.1640

Rectangle

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



221.3520, -24.3305, -36.2657



198.8870, 24.2127, -113.0339



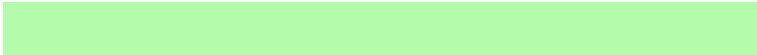
229.1720, 12.7332, 22.6512



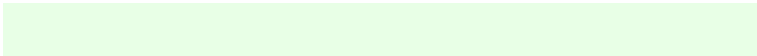
216.9640, 1.4967, 33.3576

Sweetspot

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



221.3520, -24.3305, -36.2657



245.2730, -7.5296, -11.6404



238.1840, -32.6287, 12.1166



121.9900, -4.9251, -7.0072



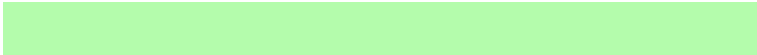
0.0000, 0.0000, 0.0000



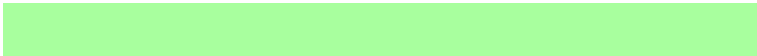
128.0000, 0.0000, 0.0000

Same Dimension

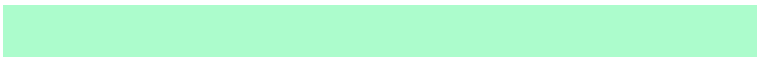
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.3520, -24.3305, -36.2657



217.9290, -29.5450, -43.7877



222.6080, -9.1737, -44.3832



120.2290, -4.0569, -5.4628



116.6240, -57.4956, -85.6162



37.6010, -18.5373, -27.7141

Inverse Universe

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



202.6480, 24.3305, 36.2657



195.0710, 29.5450, 43.7877



201.3920, 9.1737, 44.3832



117.0700, 3.9095, 6.0776



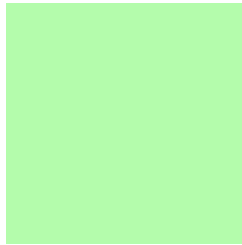
72.3760, 57.4956, 85.6162



23.3990, 18.5373, 27.7141

Previews

White Background



This preview shows how the YUV color 221.3520, -24.3305, -36.2657 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 221.3520, -24.3305, -36.2657 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 221.3520, -24.3305, -36.2657 Background



This preview shows how black text looks on a background with the YUV color 221.3520, -24.3305, -36.2657.



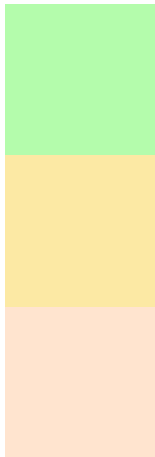
This preview shows how white text looks on a background with the YUV color 221.3520, -24.3305, -36.2657.

-36.2657.

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

221.3520, -24.3305, -36.2657

Protanopia

230.8150, -32.9398, 18.5792

Deuteranopia

233.6790, -13.1527, 18.6985



Tritanopia

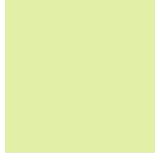
230.3590, 12.1480, -23.1168

Trichromacy



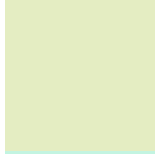
Original Color

221.3520, -24.3305, -36.2657



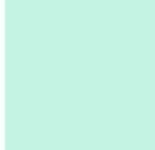
Protanomaly

227.4920, -29.8226, -1.3085



Deuteranomaly

229.4070, -17.4557, -1.2339



Tritanomaly

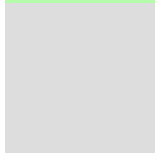
227.1830, -1.0762, -28.2245

Monochromacy



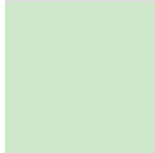
Original Color

221.3520, -24.3305, -36.2657



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9200, -8.8346, -13.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3520, -24.3305, -36.2657 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(180, 252, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 252, 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(180, 252, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 252, 172) }
```

Border

The CSS property to change the border of an element to YUV 221.3520, -24.3305, -36.2657 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(180, 252, 172) }
```


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

```
.border{ border-color:rgb(180, 252, 172) }
```

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

Here you see how a box with a 4 pixel rgb(180, 252, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 252, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 252, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 252,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 221.3520, -24.3305, -36.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 252, 172) }
```

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

```
.background{ background-color: rgb(180,  
252, 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](#).

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