

Converting Colors

YUV(221.9510, -9.3428,
-36.7910)

Have a look what the booklet for
YUV(221.9510, -9.3428, -36.7910)
contains.

YUV(221.9510, -9.3428, -36.7910)	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(221.9510, -9.3428,
-36.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	B4F7CB
RGB	180, 247, 203
RGB Percent	71%, 97%, 80%
CMY	0.2941, 0.0314, 0.2039
CMYK	0.27, 0.00, 0.18, 0.03
HSL	141°, 81%, 84%
HSV	141°, 27%, 97%
XYZ	62.8626, 80.5366, 68.7318
YIQ	221.9510, -25.8080, -27.8880

Conversions

Conversions Part 2

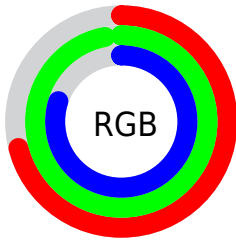
Format	Color
RYB	180, 230, 247
Decimal	11859915
CIELab	91.93, -29.56, 14.51
CIElCh	92, 32.931, 153.852
Yxy	80.5366, 0.2963, 0.3797
Android (android.graphics.Color)	4290049995 (0xFFB4F7CB)
YUV	221.9510, -9.3428, -36.7910
Hunter-Lab	89.7422, -32.0131, 17.4105

Details

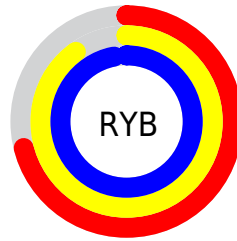
The YUV color **221.9510, -9.3428, -36.7910** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.0490, 9.3428, 36.7910**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, 2.6533, -11.0660**, and **166.1900, -8.4747, -35.2466** is the 20% darker color. If you saturate the color by 10%, you get **212.6520, -12.6464, -50.5608**, and if you desaturate by 10%, it is **231.2500, -6.0393, -23.0212**.

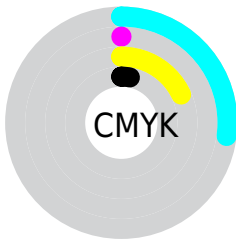
Distribution



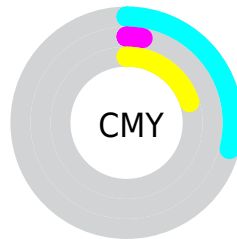
- Red (71%)
- Green (97%)
- Blue (80%)



- Red (71%)
- Yellow (90%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)





- Cyan (29%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 221.9510, -9.3428, -36.7910 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 221.9510, -9.3428, -36.7910 by changing the saturation by 10% instead.

 221.9510, -9.3428,
-36.7910

 221.9510, -9.3428,
-36.7910

255.0000, 0.0000,
0.0000


 193.4780, -8.6167,
-36.3762


 249.6180, 2.6533,
-11.0660

 166.1900, -8.4747,
-35.2466

 139.3040, -8.0379,
-35.3466

 113.4180, -7.6011,
-35.4466

 87.9450, -6.8749,
-35.0318

 62.2760, -5.5591,
-37.0761

 39.8140, -4.8383,

-34.9169

■ 24.1640, -8.9549,
-21.1918

■ 7.6310, -3.7621,
-6.6924

■ 221.9510, -9.3428,
-36.7910

■ 221.9510, -9.3428,
-36.7910

■ 212.6520,
-12.6464, -50.5608

■ 231.2500, -6.0393,
-23.0212

■ 203.6520,
-16.0974, -63.7158

■ 240.2500, -2.5882,
-9.8663

■ 194.2390,
-19.8378, -77.3856

■ 249.6630, 1.1521,
3.8035

■ 184.9400,
-23.1414, -91.1554

■ 250.3040, 2.3151,
4.1184

■ 175.9400,
-26.5924, -104.3104

■ 166.6410,
-29.8960, -118.0802

■ 157.2280,
-33.6364, -131.7500

■ 154.6790,
-34.3517, -135.6535

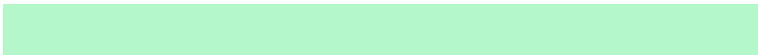
Harmonies

Analogous

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



226.4570, -23.3963, -9.1708



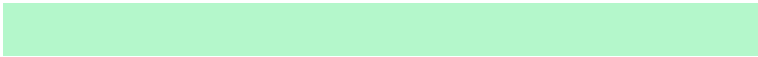
221.9510, -9.3428, -36.7910



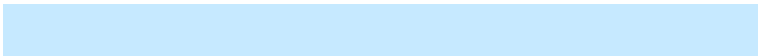
218.0910, 8.3361, -60.5928

Triad

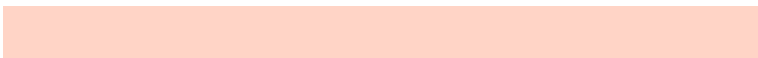
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.9510, -9.3428, -36.7910



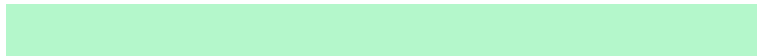
225.0430, 14.7688, -23.7167



223.2610, -12.4537, 27.8351

Complementary

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



221.9510, -9.3428, -36.7910



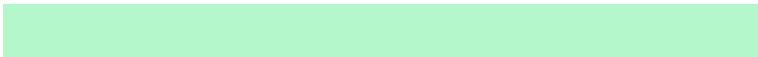
205.0490, 9.3428, 36.7910

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.



225.0340, 1.9552, 26.2802



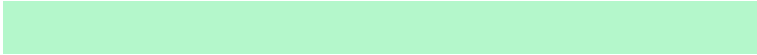
221.9510, -9.3428, -36.7910



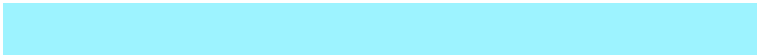
231.7420, 11.4662, 8.9963

Square

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



221.9510, -9.3428, -36.7910



218.6540, 17.9186, -54.0706



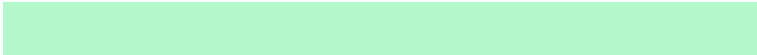
230.3460, 12.1544, 21.6216



225.4490, -24.3784, 25.9162

Rectangle

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



221.9510, -9.3428, -36.7910



216.4950, 18.9830, -68.8401



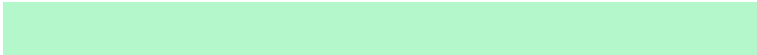
230.3460, 12.1544, 21.6216



223.2270, -7.5069, 27.8649

Sweetspot

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



221.9510, -9.3428, -36.7910



247.5380, -2.7302, -10.9958



232.7840, -26.0225, -6.8266



123.0870, -2.0149, -7.0923



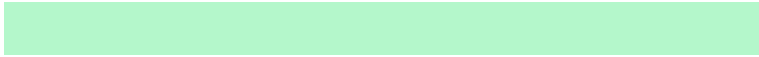
0.0000, 0.0000, 0.0000



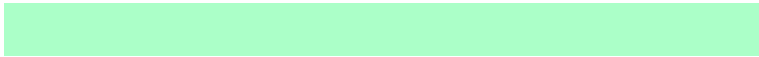
128.0000, 0.0000, 0.0000

Same Dimension

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



221.9510, -9.3428, -36.7910



223.6140, -11.6417, -46.1425



225.7130, 5.0715, -40.0903



117.5000, -1.7255, -6.5775



116.4780, -25.8717, -102.1512



36.9130, -8.3381, -32.3727

Inverse Universe

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



205.0490, 9.3428, 36.7910



202.3860, 11.6417, 46.1425



201.2870, -5.0715, 40.0903



114.5000, 1.7255, 6.5775



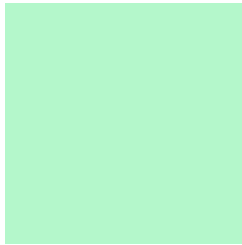
69.5220, 25.8717, 102.1512



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 221.9510, -9.3428, -36.7910 looks on a white background.

Color Contrast Check

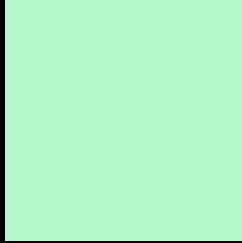
Large Text (above 18pt) WCAG AA × Fail

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 221.9510, -9.3428, -36.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

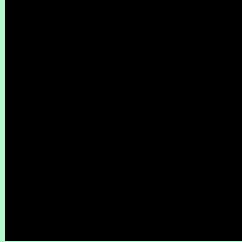
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

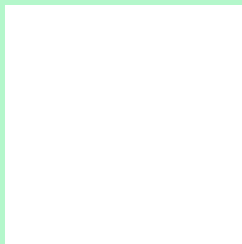
Any Text WCAG AAA ✓ Pass

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

YUV 221.9510, -9.3428, -36.7910 Background



This preview shows how black text looks on a background with the YUV color 221.9510, -9.3428, -36.7910.



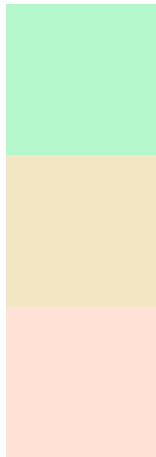
This preview shows how white text looks on a background with the YUV color 221.9510, -9.3428, -36.7910.

-36.7910.

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

221.9510, -9.3428, -36.7910

Protanopia

229.8970, -17.2042, 11.4913

Deuteranopia

232.7160, -9.2270, 19.5431



Tritanopia

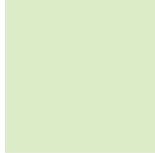
227.6790, 13.4693, -26.9055

Trichromacy



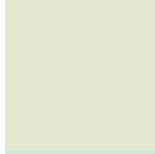
Original Color

221.9510, -9.3428, -36.7910



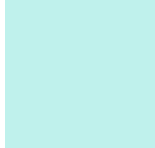
Protanomaly

226.8840, -14.2398, -6.0373



Deuteranomaly

228.8830, -9.3093, -0.7744



Tritanomaly

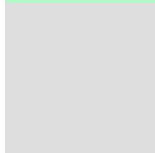
225.4800, 5.1864, -30.2390

Monochromacy



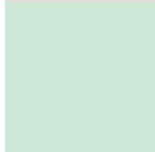
Original Color

221.9510, -9.3428, -36.7910



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.0000, -3.4510, -13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9510, -9.3428, -36.7910 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, 247, 203)` looks like.

```
.text, #text, p{  
    color:rgb(180, 247, 203)  
}
```

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, 247, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 247, 203) }
```

Border

The CSS property to change the border of an element to YUV 221.9510, -9.3428, -36.7910 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, 247, 203) }
```


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

```
.border{ border-color:rgb(180, 247, 203) }
```

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

Here you see how a box with a 4 pixel rgb(180, 247, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 247, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 247, 203);  
box-shadow:4px 4px 4px 4px rgb(180, 247,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 221.9510, -9.3428, -36.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 247, 203) }
```

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

```
.background{ background-color: rgb(180,  
247, 203) }
```

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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