

Converting Colors

YUV(228.5110, -25.3949,
-21.4961)

Have a look what the booklet for
YUV(228.5110, -25.3949, -21.4961)
contains.

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Color

**YUV(228.5110, -25.3949,
-21.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFBB1
RGB	204, 251, 177
RGB Percent	80%, 98%, 69%
CMY	0.2000, 0.0157, 0.3059
CMYK	0.19, 0.00, 0.29, 0.02
HSL	98°, 90%, 84%
HSV	98°, 29%, 98%
XYZ	67.3348, 85.0061, 54.4539
YIQ	228.5110, -4.2580, -32.9780

Conversions

Conversions Part 2

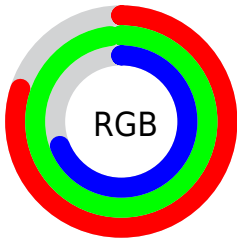
Format	Color
RYB	177, 251, 224
Decimal	13433777
CIELab	93.89, -27.92, 30.71
CIELCh	94, 41.499, 132.276
Yxy	85.0061, 0.3256, 0.4111
Android (android.graphics.Color)	4291623857 (0xFFCCFBB1)
YUV	228.5110, -25.3949, -21.4961
Hunter-Lab	92.1987, -30.9852, 29.5216

Details

The YUV color **228.5110, -25.3949, -21.4961** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.4890, 25.3949, 21.4961**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.4920, -9.6096, 2.1995**, and **172.5650, -23.9425, -20.6665** is the 20% darker color. If you saturate the color by 10%, you get **220.8770, -33.9564, -28.8331**, and if you desaturate by 10%, it is **236.1450, -16.8335, -14.1592**.

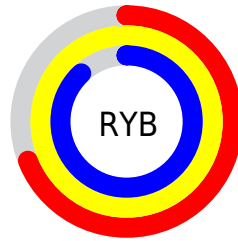
Distribution



Red (80%)

Green (98%)

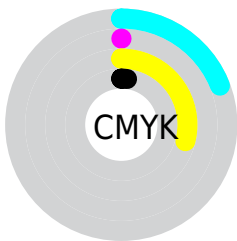
Blue (69%)



Red (69%)

Yellow (98%)

Blue (88%)

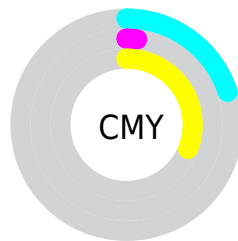


Cyan (19%)

Magenta (0%)

Yellow (29%)

Black (2%)



Cyan (20%)

Magenta (2%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5110, -25.3949, -21.4961 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 228.5110, -25.3949, -21.4961 by changing the saturation by 10% instead.

■ 228.5110,
-25.3949, -21.4961

■ 228.5110,
-25.3949, -21.4961

255.0000, 0.0000,
0.0000

■ 200.0380,
-24.6687, -21.0813

■ 252.4920, -9.6096,
2.1995

■ 172.5650,
-23.9425, -20.6665

■ 145.6790,
-23.5057, -20.7665

■ 119.3200,
-22.3428, -20.4516

■ 94.4340, -21.9060,
-20.5516

■ 69.6620, -21.0324,
-20.7516

■ 45.2490, -21.3218,

-21.2664

■ 25.2410, -12.4438,
-22.1364

■ 12.9140, -6.3666,
-11.3256

■ 228.5110,
-25.3949, -21.4961

■ 228.5110,
-25.3949, -21.4961

■ 220.8770,
-33.9564, -28.8331

■ 236.1450,
-16.8335, -14.1592

■ 213.2430,
-42.5178, -36.1701

■ 243.7790, -8.2720,
-6.8222

■ 205.6090,
-51.0792, -43.5071

■ 251.4130, 0.2894,
0.5148

■ 197.9750,
-59.6407, -50.8441

■ 252.6520, 1.1576,
2.0592

■ 190.3410,
-68.2021, -58.1811

■ 182.5930,
-77.2003, -65.4181

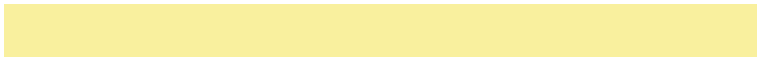
■ 174.9590,
-85.7618, -72.7550

■ 174.8450,
-86.1986, -72.6551

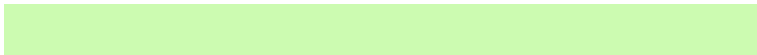
Harmonies

Analogous

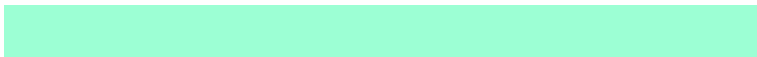
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3430, -37.1441, 13.7312



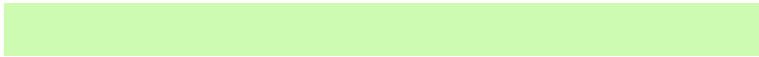
228.5110, -25.3949, -21.4961



220.4970, -4.1890, -56.5639

Triad

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



228.5110, -25.3949, -21.4961



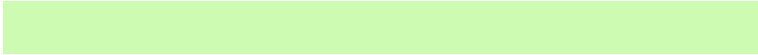
218.5990, 17.9457, -62.7923



223.0620, -0.5236, 28.0096

Complementary

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



228.5110, -25.3949, -21.4961



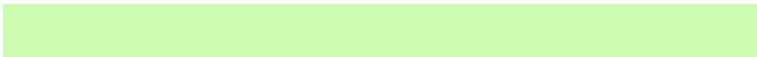
199.4890, 25.3949, 21.4961

Split Complementary

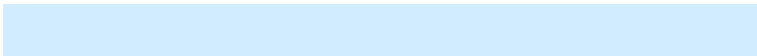
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5850, 13.0226, 23.1660



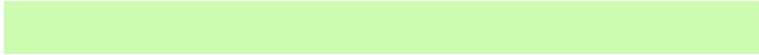
228.5110, -25.3949, -21.4961



230.0930, 12.2792, -18.4986

Square

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



228.5110, -25.3949, -21.4961



209.8510, 22.2585, -92.8313



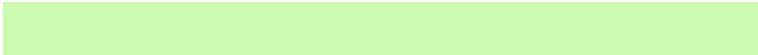
235.0420, 9.8393, 17.5032



222.9530, -18.7108, 28.1052

Rectangle

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



228.5110, -25.3949, -21.4961



214.6050, 12.0267, -77.7066



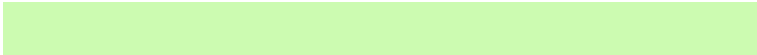
235.0420, 9.8393, 17.5032



224.6580, 5.5916, 26.6099

Sweetspot

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



228.5110, -25.3949, -21.4961



247.8930, -7.8352, -6.9222



226.7150, -24.5095, 21.2979



123.5990, -5.2253, -4.0333



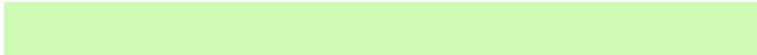
0.0000, 0.0000, 0.0000



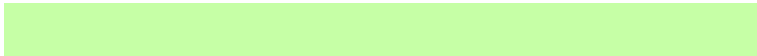
128.0000, 0.0000, 0.0000

Same Dimension

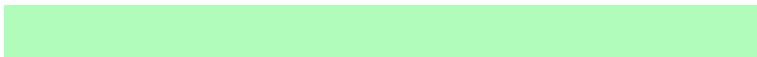
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.5110, -25.3949, -21.4961



227.8110, -30.4728, -26.1442



221.5780, -17.0470, -39.0949



121.1260, -4.4991, -3.6185



131.5740, -64.8660, -54.8774



42.3850, -20.8958, -17.8776

Inverse Universe

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



199.4890, 25.3949, 21.4961



192.8900, 30.6202, 25.5295



206.4220, 17.0470, 39.0949



115.8740, 4.4991, 3.6185



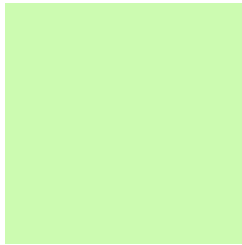
57.4260, 64.8660, 54.8774



18.6150, 20.8958, 17.8776

Previews

White Background



This preview shows how the YUV color 228.5110, -25.3949, -21.4961 looks on a white background.

Color Contrast Check

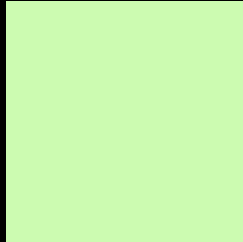
Large Text (above 18pt) WCAG AA × Fail

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 228.5110, -25.3949, -21.4961 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

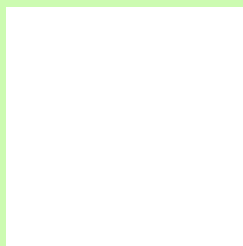
Any Text WCAG AAA ✓ Pass

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

YUV 228.5110, -25.3949, -21.4961 Background



This preview shows how black text looks on a background with the YUV color 228.5110, -25.3949, -21.4961.



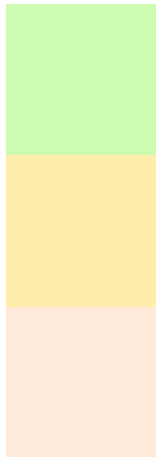
This preview shows how white text looks on a background with the YUV color 228.5110, -25.3949, -21.4961.

-21.4961.

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

228.5110, -25.3949, -21.4961

Protanopia

234.8580, -31.4820, 17.6645

Deuteranopia

237.6400, -10.6685, 15.2247



Tritanopia

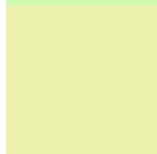
236.0290, 9.3527, -13.1804

Trichromacy



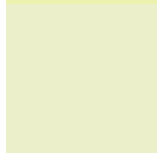
Original Color

228.5110, -25.3949, -21.4961



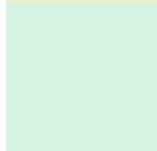
Protanomaly

232.3400, -29.2546, 3.2098



Deuteranomaly

234.4720, -16.0087, 1.3401



Tritanomaly

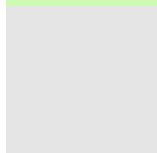
233.3910, -3.1508, -16.1289

Monochromacy



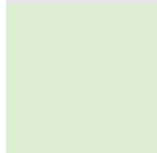
Original Color

228.5110, -25.3949, -21.4961



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.8390, -9.2876, -7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5110, -25.3949, -21.4961 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(204, 251, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 251, 177)  
}
```

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(204, 251, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 251, 177) }
```

Border

The CSS property to change the border of an element to YUV 228.5110, -25.3949, -21.4961 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(204, 251, 177) }
```


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

```
.border{ border-color:rgb(204, 251, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 251, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 251, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 251, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 251,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 228.5110, -25.3949, -21.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 251, 177) }
```

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

```
.background{ background-color: rgb(204,  
251, 177) }
```

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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