

Converting Colors

YUV(226.2120, -25.2475,
-22.1109)

Have a look what the booklet for
YUV(226.2120, -25.2475, -22.1109)
contains.

YUV(226.2120, -25.2475, -22.1109)	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(226.2120, -25.2475,
-22.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F9AF
RGB	201, 249, 175
RGB Percent	79%, 98%, 69%
CMY	0.2118, 0.0235, 0.3137
CMYK	0.19, 0.00, 0.30, 0.02
HSL	99°, 86%, 83%
HSV	99°, 30%, 98%
XYZ	65.7009, 83.2640, 53.1662
YIQ	226.2120, -4.8540, -33.1900

Conversions

Conversions Part 2

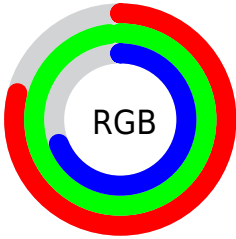
Format	Color
RYB	175, 249, 223
Decimal	13236655
CIELab	93.13, -28.29, 30.66
CIELCh	93, 41.723, 132.698
Yxy	83.2640, 0.3250, 0.4119
Android (android.graphics.Color)	4291426735 (0xFFC9F9AF)
YUV	226.2120, -25.2475, -22.1109
Hunter-Lab	91.2491, -31.1629, 29.3291

Details

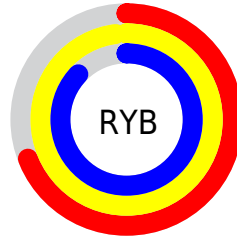
The YUV color **226.2120, -25.2475, -22.1109** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **197.7880, 25.2475, 22.1109**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.2640, -10.4832, 2.3995**, and **170.2660, -23.7951, -21.2813** is the 20% darker color. If you saturate the color by 10%, you get **218.5780, -33.8090, -29.4479**, and if you desaturate by 10%, it is **233.8460, -16.6861, -14.7739**.

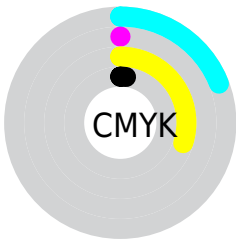
Distribution



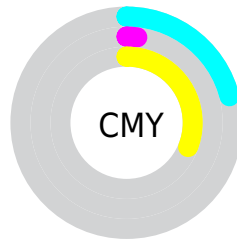
- Red (79%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.2120, -25.2475, -22.1109 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 226.2120, -25.2475, -22.1109 by changing the saturation by 10% instead.

■ 226.2120,
-25.2475, -22.1109

■ 226.2120,
-25.2475, -22.1109

255.0000, 0.0000,
0.0000

■ 197.7390,
-24.5213, -21.6961

■ 252.2640,
-10.4832, 2.3995

■ 170.2660,
-23.7951, -21.2813

■ 143.4940,
-22.9215, -21.4812

■ 117.9070,
-22.6322, -20.9664

■ 92.1350, -21.7586,
-21.1664

■ 67.6620, -21.0324,
-20.7516

■ 42.9500, -21.1743,

-21.8811

■ 24.6540, -12.1544,
-21.6216

■ 11.1530, -5.4984,
-9.7812

■ 226.2120,
-25.2475, -22.1109

■ 226.2120,
-25.2475, -22.1109

■ 218.5780,
-33.8090, -29.4479

■ 233.8460,
-16.6861, -14.7739

■ 210.9440,
-42.3704, -36.7849

■ 241.4800, -8.1246,
-7.4370

■ 203.3100,
-50.9318, -44.1219

■ 249.1140, 0.4368,
-0.1000

■ 195.3770,
-59.3459, -52.0736

■ 251.4780, 1.7363,
3.0888

■ 187.7430,
-67.9073, -59.4106

■ 180.2230,
-76.0319, -66.8476

■ 172.5890,
-84.5934, -74.1846

■ 172.1760,
-84.8828, -74.6994

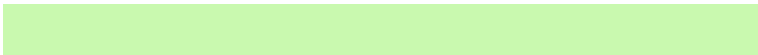
Harmonies

Analogous

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



231.0440, -36.9967, 13.1164



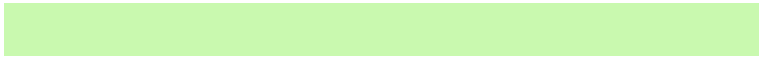
226.2120, -25.2475, -22.1109



219.3720, -4.6204, -58.2082

Triad

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



226.2120, -25.2475, -22.1109



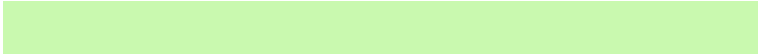
216.8270, 18.8193, -62.9923



221.5460, -1.2552, 29.3392

Complementary

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



226.2120, -25.2475, -22.1109



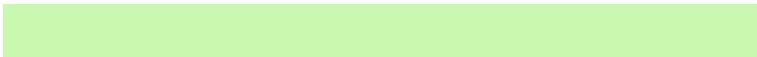
197.7880, 25.2475, 22.1109

Split Complementary

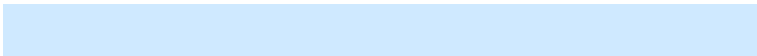
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.4110, 13.6014, 24.1956



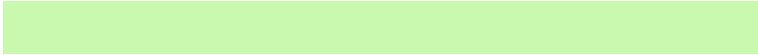
226.2120, -25.2475, -22.1109



227.7340, 13.4421, -18.1837

Square

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



226.2120, -25.2475, -22.1109



208.0680, 23.1375, -94.7756



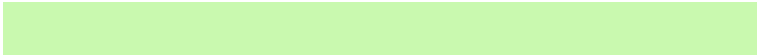
233.8680, 10.4181, 18.5328



221.5510, -19.0056, 29.3348

Rectangle

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



226.2120, -25.2475, -22.1109



213.2950, 12.1796, -80.0657



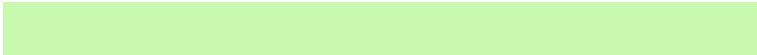
233.8680, 10.4181, 18.5328



223.1420, 4.8600, 27.9395

Sweetspot

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



226.2120, -25.2475, -22.1109



247.8930, -7.8352, -6.9222



224.7150, -24.5095, 21.2979



123.3000, -5.0779, -4.6481



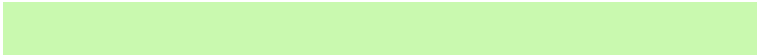
0.0000, 0.0000, 0.0000



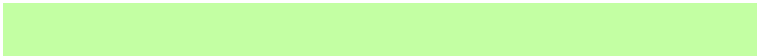
128.0000, 0.0000, 0.0000

Same Dimension

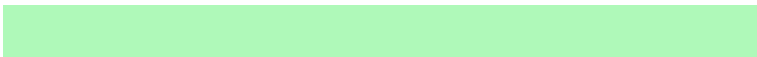
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.2120, -25.2475, -22.1109



226.5720, -31.3410, -27.6886



219.5780, -17.0470, -39.0949



121.1260, -4.4991, -3.6185



130.6770, -64.4238, -56.7217



42.3850, -20.8958, -17.8776

Inverse Universe

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



197.7880, 25.2475, 22.1109



191.4280, 31.3410, 27.6886



204.4220, 17.0470, 39.0949



116.1730, 4.3517, 4.2333



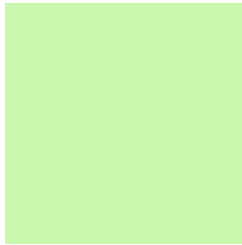
58.0240, 64.5712, 56.1070



18.9140, 20.7484, 18.4924

Previews

White Background



This preview shows how the YUV color 226.2120, -25.2475, -22.1109 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 226.2120, -25.2475, -22.1109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

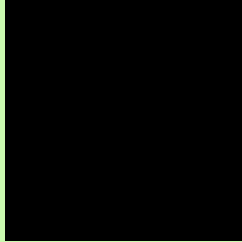
Any Text WCAG AA ✓ Pass

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 226.2120, -25.2475, -22.1109 Background



This preview shows how black text looks on a background with the YUV color 226.2120, -25.2475, -22.1109.



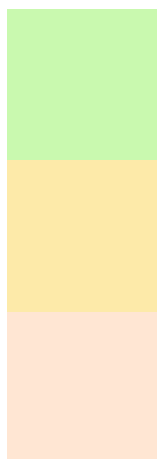
This preview shows how white text looks on a background with the YUV color 226.2120, -25.2475, -22.1109.

-22.1109.

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

226.2120, -25.2475, -22.1109

Protanopia

232.2710, -31.1926, 18.1793

Deuteranopia

235.3090, -11.9843, 17.2690



Tritanopia

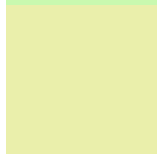
233.3600, 10.6685, -15.2247

Trichromacy



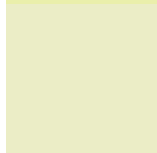
Original Color

226.2120, -25.2475, -22.1109



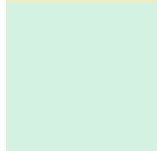
Protanomaly

229.7530, -28.9652, 3.7246



Deuteranomaly

231.9560, -16.7403, 2.6696



Tritanomaly

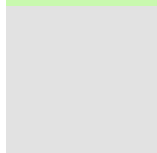
230.9070, -2.4192, -17.4584

Monochromacy



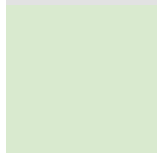
Original Color

226.2120, -25.2475, -22.1109



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

225.8390, -9.2876, -7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.2120, -25.2475, -22.1109 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(201, 249, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 249, 175)  
}
```

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(201, 249, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 249, 175) }
```

Border

The CSS property to change the border of an element to YUV 226.2120, -25.2475, -22.1109 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(201, 249, 175) }
```


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

```
.border{ border-color:rgb(201, 249, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 249, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 249, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 249, 175); box-shadow:4px 4px 4px 4px rgb(201, 249, 175) }
```

Background

The CSS property to change the background color of an element to YUV 226.2120, -25.2475, -22.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 249, 175) }
```

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

```
.background{ background-color: rgb(201,  
249, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor