

Converting Colors

YUV(222.9750, -32.5257,
-21.0261)

Have a look what the booklet for
YUV(222.9750, -32.5257, -21.0261)
contains.

YUV(222.9750, -32.5257, -21.0261)	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(222.9750, -32.5257,
-21.0261)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F89D
RGB	199, 248, 157
RGB Percent	78%, 97%, 62%
CMY	0.2196, 0.0275, 0.3843
CMYK	0.20, 0.00, 0.37, 0.03
HSL	92°, 87%, 79%
HSV	92°, 37%, 97%
XYZ	63.2064, 81.7112, 44.3388
YIQ	222.9750, 0.0070, -38.6890

Conversions

Conversions Part 2

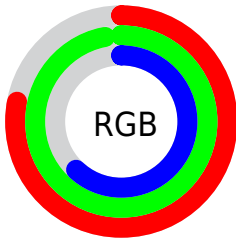
Format	Color
RYB	157, 248, 206
Decimal	13105309
CIELab	92.45, -31.02, 38.74
CIELCh	92, 49.625, 128.687
Yxy	81.7112, 0.3340, 0.4317
Android (android.graphics.Color)	4291295389 (0xFFC7F89D)
YUV	222.9750, -32.5257, -21.0261
Hunter-Lab	90.3943, -33.3774, 34.1940

Details

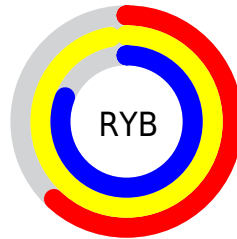
The YUV color **222.9750, -32.5257, -21.0261** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **182.0250, 32.5257, 21.0261**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0980, -18.7823, 4.2991**, and **167.0290, -31.0733, -20.1964** is the 20% darker color. If you saturate the color by 10%, you get **216.2380, -41.5293, -26.5187**, and if you desaturate by 10%, it is **229.7120, -23.5220, -15.5334**.

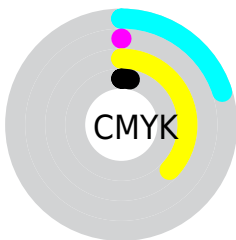
Distribution



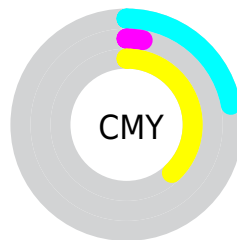
- Red (78%)
- Green (97%)
- Blue (62%)



- Red (62%)
- Yellow (97%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (37%)
- Black (3%)



- Cyan (22%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.9750, -32.5257, -21.0261 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 222.9750, -32.5257, -21.0261 by changing the saturation by 10% instead.

■ 222.9750,
-32.5257, -21.0261

■ 222.9750,
-32.5257, -21.0261

255.0000, 0.0000,
0.0000

■ 194.5020,
-31.7995, -20.6113

■ 250.0980,
-18.7823, 4.2991

■ 167.0290,
-31.0733, -20.1964

■ 253.4040, -6.1152,
1.3997

■ 140.2570,
-30.1997, -20.3964

■ 114.4850,
-29.3261, -20.5963

■ 88.5990, -28.8893,
-20.6963

■ 62.8440, -30.4891,
-20.9112

■ 41.1670, -20.2953,

-23.8255

■ 24.0670, -11.8650,
-21.1068

■ 9.3920, -4.6303,
-8.2368

■ 222.9750,
-32.5257, -21.0261

■ 222.9750,
-32.5257, -21.0261

■ 216.2380,
-41.5293, -26.5187

■ 229.7120,
-23.5220, -15.5334

■ 209.2020,
-50.3856, -32.6262

■ 236.7480,
-14.6658, -9.4260

■ 202.5790,
-58.9524, -38.2188

■ 243.3710, -6.0989,
-3.8334

■ 195.8420,
-67.9561, -43.7114

■ 249.9940, 2.4680,
1.7593

■ 188.8060,
-76.8124, -49.8189

■ 250.8910, 2.0257,
3.6036

■ 182.0690,
-85.8160, -55.3115

■ 179.6620,
-88.5734, -57.5856

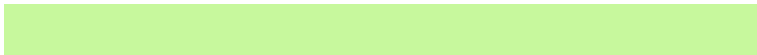
Harmonies

Analogous

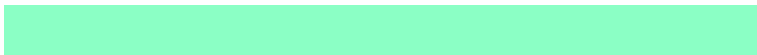
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6120, -45.1647, 19.6343



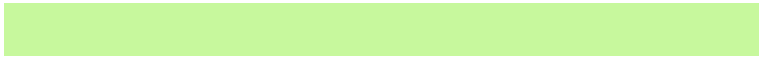
222.9750, -32.5257, -21.0261



213.7040, -8.2351, -65.5154

Triad

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



222.9750, -32.5257, -21.0261



203.6490, 25.3160, -93.5312



216.4910, 2.2229, 33.7724

Complementary

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



222.9750, -32.5257, -21.0261



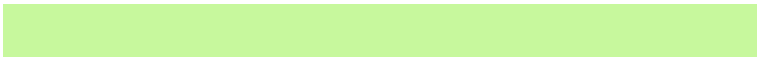
182.0250, 32.5257, 21.0261

Split Complementary

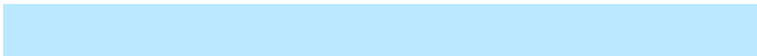
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 15.6271, 27.7991



222.9750, -32.5257, -21.0261



221.4550, 16.5377, -31.0940

Square

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



222.9750, -32.5257, -21.0261



178.7550, 37.5888, -156.7681



232.1070, 11.2862, 20.0772



215.4700, -19.4587, 34.6678

Rectangle

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



222.9750, -32.5257, -21.0261



203.4130, 13.1074, -97.7092



232.1070, 11.2862, 20.0772



218.3150, 9.2117, 32.1727

Sweetspot

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



222.9750, -32.5257, -21.0261



247.3230, -10.0192, -6.4223



212.9720, -27.5942, 30.7196



123.3710, -6.0989, -3.8334



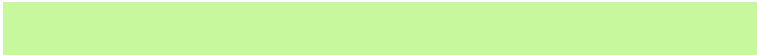
0.0000, 0.0000, 0.0000



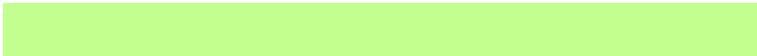
128.0000, 0.0000, 0.0000

Same Dimension

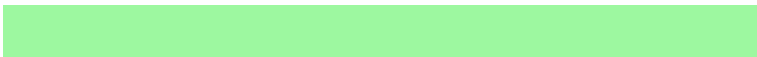
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.9750, -32.5257, -21.0261



224.2920, -40.0770, -25.6891



210.7590, -25.0242, -47.1466



121.4250, -4.6465, -3.0037



136.9560, -67.5193, -43.8114



44.1790, -21.7802, -14.1890

Inverse Universe

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



182.0250, 32.5257, 21.0261



173.7080, 40.0770, 25.6891



194.2410, 25.0242, 47.1466



115.5750, 4.6465, 3.0037



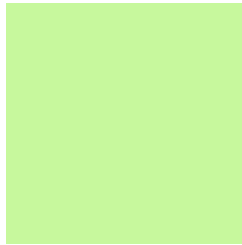
52.0440, 67.5193, 43.8114



16.8210, 21.7802, 14.1890

Previews

White Background



This preview shows how the YUV color 222.9750, -32.5257, -21.0261 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 222.9750, -32.5257, -21.0261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

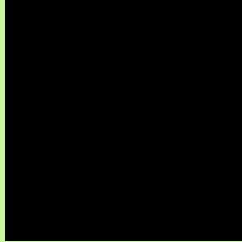
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

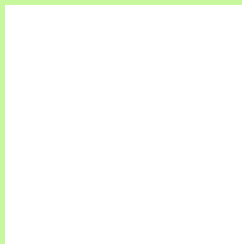
Any Text WCAG AAA ✓ Pass

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

YUV 222.9750, -32.5257, -21.0261 Background



This preview shows how black text looks on a background with the YUV color 222.9750, -32.5257, -21.0261.



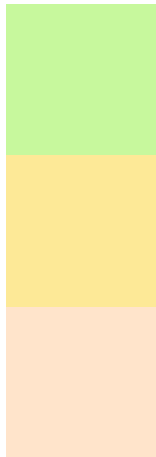
This preview shows how white text looks on a background with the YUV color 222.9750, -32.5257, -21.0261.

-21.0261.

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

222.9750, -32.5257, -21.0261

Protanopia

229.6320, -38.7656, 20.4937

Deuteranopia

233.2230, -14.8999, 19.0984



Tritanopia

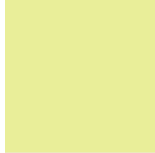
231.5880, 11.5421, -15.4247

Trichromacy



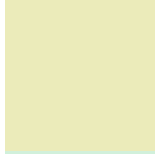
Original Color

222.9750, -32.5257, -21.0261



Protanomaly

226.8150, -36.3908, 5.4242



Deuteranomaly

229.4140, -21.4031, 4.8989



Tritanomaly

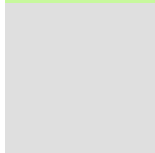
228.3370, -4.6031, -16.9585

Monochromacy



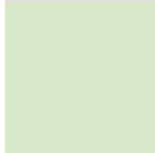
Original Color

222.9750, -32.5257, -21.0261



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

222.8560, -11.7610, -7.7667

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.9750, -32.5257, -21.0261 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(199, 248, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 248, 157)  
}
```

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(199, 248, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 248, 157) }
```

Border

The CSS property to change the border of an element to YUV 222.9750, -32.5257, -21.0261 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(199, 248, 157) }
```


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

```
.border{ border-color:rgb(199, 248, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 248, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 248, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 248, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 248,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 222.9750, -32.5257, -21.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 248, 157) }
```

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

```
.background{ background-color: rgb(199,  
248, 157) }
```

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