

Converting Colors

YUV(210.5120, -33.7764,
-39.9140)

Have a look what the booklet for
YUV(210.5120, -33.7764, -39.9140)
contains.

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Color

**YUV(210.5120, -33.7764,
-39.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F78E
RGB	165, 247, 142
RGB Percent	65%, 97%, 56%
CMY	0.3529, 0.0314, 0.4431
CMYK	0.33, 0.00, 0.43, 0.03
HSL	107°, 87%, 76%
HSV	107°, 43%, 97%
XYZ	53.6603, 76.4739, 37.5239
YIQ	210.5120, -15.1670, -50.0390

Conversions

Conversions Part 2

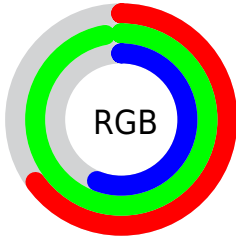
Format	Color
RYB	142, 247, 224
Decimal	10876814
CIELab	90.08, -43.99, 42.67
CIELCh	90, 61.288, 135.871
Yxy	76.4739, 0.3201, 0.4561
Android (android.graphics.Color)	4289066894 (0xFFA5F78E)
YUV	210.5120, -33.7764, -39.9140
Hunter-Lab	87.4493, -43.5059, 35.7736

Details

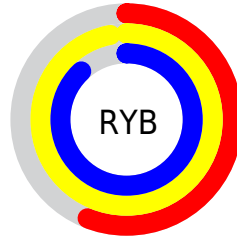
The YUV color **210.5120, -33.7764, -39.9140** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **178.4880, 33.7764, 39.9140**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8200, -20.6173, -13.8741**, and **154.3810, -31.7398, -39.7991** is the 20% darker color. If you saturate the color by 10%, you get **201.9810, -41.8956, -49.0953**, and if you desaturate by 10%, it is **219.0430, -25.6572, -30.7327**.

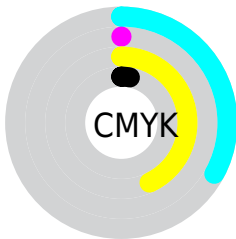
Distribution



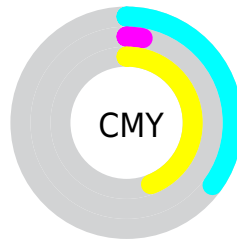
- Red (65%)
- Green (97%)
- Blue (56%)



- Red (56%)
- Yellow (97%)
- Blue (88%)



- Cyan (33%)
- Magenta (0%)
- Yellow (43%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5120, -33.7764, -39.9140 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 210.5120, -33.7764, -39.9140 by changing the saturation by 10% instead.

■ 210.5120,
-33.7764, -39.9140

■ 210.5120,
-33.7764, -39.9140

255.0000, 0.0000,
0.0000

■ 182.1530,
-32.6134, -39.5992

■ 238.8200,
-20.6173, -13.8741

■ 154.3810,
-31.7398, -39.7991

■ 250.6830,
-12.6617, 1.1550

■ 127.4950,
-31.3030, -39.8991

254.8860, -0.4368,
0.1000

■ 100.1250,
-30.1346, -41.3286

■ 71.0920, -30.1184,
-46.5617

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,

-31.4027

■ 23.4800, -11.5756,
-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 210.5120,
-33.7764, -39.9140

■ 210.5120,
-33.7764, -39.9140

■ 201.9810,
-41.8956, -49.0953

■ 219.0430,
-25.6572, -30.7327

■ 193.2650,
-49.4306, -58.9914

■ 227.7590,
-18.1222, -20.8366

■ 184.7340,
-57.5499, -68.1727

■ 236.2900,
-10.0030, -11.6553

■ 176.2030,
-65.6691, -77.3540

■ 244.8210, -1.8838,
-2.4740

■ 167.7860,
-73.3515, -86.6353

■ 250.3040, 2.3151,
4.1184

■ 161.1350,
-79.4396, -93.9574

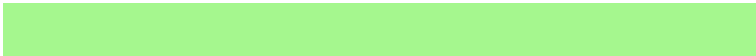
Harmonies

Analogous

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



218.2660, -53.8681, 11.1677



210.5120, -33.7764, -39.9140



191.7630, 2.0888, -110.2942

Triad

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



210.5120, -33.7764, -39.9140



170.5370, 41.6403, -149.5609



203.3030, -2.6144, 45.3383

Complementary

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



210.5120, -33.7764, -39.9140



178.4880, 33.7764, 39.9140

Split Complementary

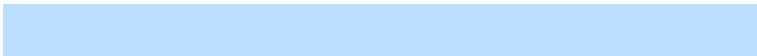
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.5620, 21.4149, 38.0951



210.5120, -33.7764, -39.9140



214.9980, 19.7210, -25.4312

Square

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



210.5120, -33.7764, -39.9140



176.9940, 38.4570, -155.2237



222.1280, 16.2059, 28.8287



205.4790, -29.8161, 43.4299

Rectangle

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



210.5120, -33.7764, -39.9140



176.7030, 29.7264, -154.9685



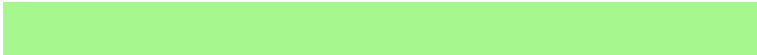
222.1280, 16.2059, 28.8287



204.8820, 5.9742, 43.9535

Sweetspot

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



210.5120, -33.7764, -39.9140



243.4640, -10.5818, -12.6849



220.9420, -38.9184, 22.8529



120.8220, -6.8142, -7.7369



0.0000, 0.0000, 0.0000



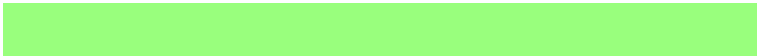
128.0000, 0.0000, 0.0000

Same Dimension

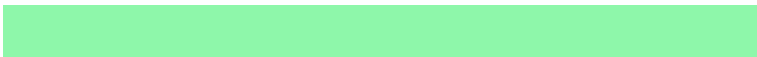
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.5120, -33.7764, -39.9140



209.6820, -41.7482, -49.7101



206.8270, -18.1557, -56.8533



117.9410, -3.9149, -4.3333



121.4410, -59.8704, -70.5468



38.5200, -18.9904, -22.3810

Inverse Universe

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



178.4880, 33.7764, 39.9140



170.3180, 41.7482, 49.7101



182.1730, 18.1557, 56.8533



114.3580, 3.7675, 4.9480



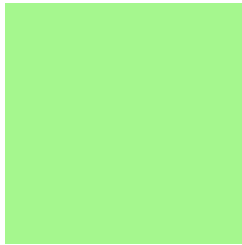
64.5590, 59.8704, 70.5468



20.4800, 18.9904, 22.3810

Previews

White Background



This preview shows how the YUV color 210.5120, -33.7764, -39.9140 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 210.5120, -33.7764, -39.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

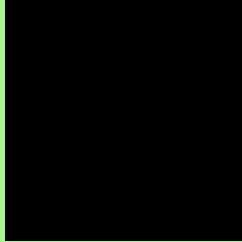
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

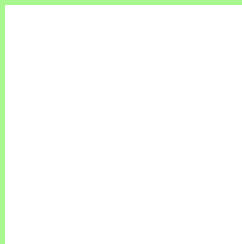
Any Text WCAG AAA ✓ Pass

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

YUV 210.5120, -33.7764, -39.9140 Background



This preview shows how black text looks on a background with the YUV color 210.5120, -33.7764, -39.9140.



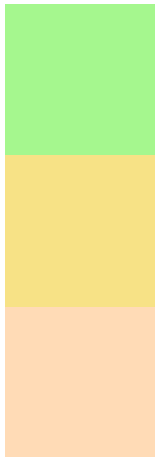
This preview shows how white text looks on a background with the YUV color 210.5120, -33.7764, -39.9140.

-39.9140.

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

210.5120, -33.7764, -39.9140

Protanopia

221.7910, -43.2810, 22.1083

Deuteranopia

225.5460, -21.4682, 25.8312



Tritanopia

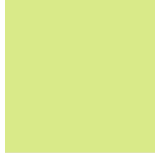
221.2160, 15.6695, -32.6384

Trichromacy



Original Color

210.5120, -33.7764, -39.9140



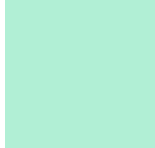
Protanomaly

217.8590, -39.8635, -0.7533



Deuteranomaly

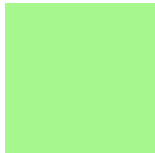
219.8390, -26.0496, 1.8952



Tritanomaly

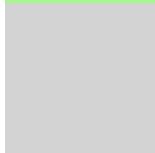
217.4980, -2.2175, -35.5167

Monochromacy



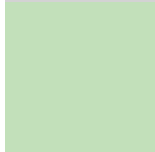
Original Color

210.5120, -33.7764, -39.9140



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.6980, -12.1761, -14.6441

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5120, -33.7764, -39.9140 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(165, 247, 142)` looks like.

```
.text, #text, p{  
    color:rgb(165, 247, 142)  
}
```

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(165, 247, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 247, 142) }
```

Border

The CSS property to change the border of an element to YUV 210.5120, -33.7764, -39.9140 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(165, 247, 142) }
```


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

```
.border{ border-color:rgb(165, 247, 142) }
```

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

Here you see how a box with a 4 pixel rgb(165, 247, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 247, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 247, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 247,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 210.5120, -33.7764, -39.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 247, 142) }
```

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

```
.background{ background-color: rgb(165,  
247, 142) }
```

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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