

Converting Colors

YUV(219.1700, -18.3248,
-49.2611)

Have a look what the booklet for
YUV(219.1700, -18.3248, -49.2611)
contains.

YUV(219.1700, -18.3248, -49.2611)	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(219.1700, -18.3248,
-49.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FFB6
RGB	163, 255, 182
RGB Percent	64%, 100%, 71%
CMY	0.3608, 0.0000, 0.2863
CMYK	0.36, 0.00, 0.29, 0.00
HSL	132°, 100%, 82%
HSV	132°, 36%, 100%
XYZ	59.3078, 82.6839, 57.0897
YIQ	219.1700, -31.3990, -42.2070

Conversions

Conversions Part 2

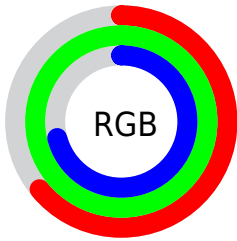
Format	Color
RYB	163, 239, 255
Decimal	10747830
CIELab	92.88, -42.03, 26.44
CIELCh	93, 49.657, 147.824
Yxy	82.6839, 0.2979, 0.4153
Android (android.graphics.Color)	4288937910 (0xFFA3FFB6)
YUV	219.1700, -18.3248, -49.2611
Hunter-Lab	90.9307, -42.7056, 26.4270

Details

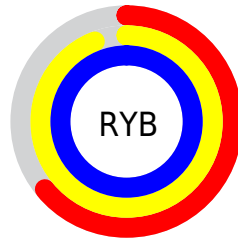
The YUV color **219.1700, -18.3248, -49.2611** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **198.8300, 18.3248, 49.2611**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5970, -2.2663, -19.8176**, and **162.9250, -16.7250, -49.0462** is the 20% darker color. If you saturate the color by 10%, you get **209.1160, -23.2282, -63.2457**, and if you desaturate by 10%, it is **228.9250, -13.2740, -35.8912**.

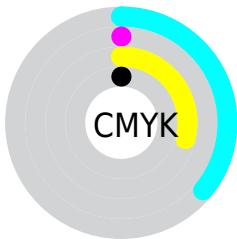
Distribution



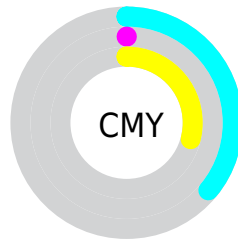
- Red (64%)
- Green (100%)
- Blue (71%)



- Red (64%)
- Yellow (94%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1700, -18.3248, -49.2611 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 219.1700, -18.3248, -49.2611 by changing the saturation by 10% instead.

219.1700,
-18.3248, -49.2611

219.1700,
-18.3248, -49.2611

255.0000, 0.0000,
0.0000

190.6970,
-17.5986, -48.8463

242.5970, -2.2663,
-19.8176

162.9250,
-16.7250, -49.0462

253.5050, 0.7370,
-3.0739

135.4520,
-15.9988, -48.6314

108.1960,
-14.3936, -50.1609

79.1350, -11.8986,
-57.1234

57.6520, -12.6464,
-50.5608

40.3550, -15.4580,

-35.3913

■ 26.4150, -13.0226,
-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 219.1700,
-18.3248, -49.2611

■ 219.1700,
-18.3248, -49.2611

■ 209.1160,
-23.2282, -63.2457

■ 228.9250,
-13.2740, -35.8912

■ 199.3610,
-28.2790, -76.6156

■ 238.9790, -8.3706,
-21.9066

■ 189.1930,
-33.6191, -90.5003

■ 248.8480, -2.8831,
-8.6367

■ 179.4380,
-38.6699, -103.8701

255.0000, 0.0000,
0.0000

■ 169.3840,
-43.5733, -117.8548

■ 159.6290,
-48.6241, -131.2246

■ 155.7270,
-50.6444, -136.5726

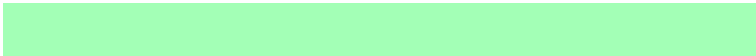
Harmonies

Analogous

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



226.4670, -38.6842, -5.6716



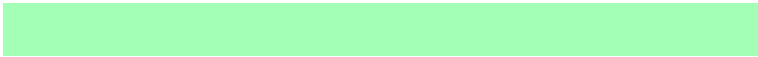
219.1700, -18.3248, -49.2611



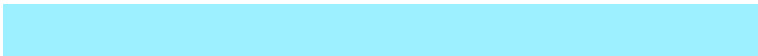
204.1960, 12.2284, -95.7649

Triad

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



219.1700, -18.3248, -49.2611



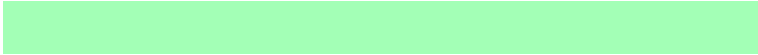
216.8930, 18.7868, -52.5262



215.5330, -11.6018, 34.6126

Complementary

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



219.1700, -18.3248, -49.2611



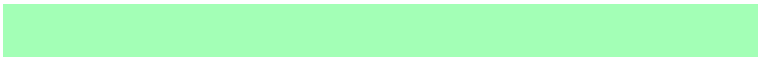
198.8300, 18.3248, 49.2611

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.



219.2440, 10.2327, 31.3580



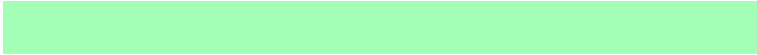
219.1700, -18.3248, -49.2611



230.2360, 12.2087, 4.1780

Square

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



219.1700, -18.3248, -49.2611



195.8200, 29.1757, -118.2371



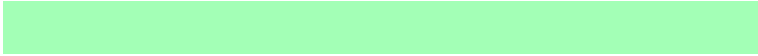
226.8240, 13.8908, 24.7104



219.5330, -31.8148, 31.1046

Rectangle

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



219.1700, -18.3248, -49.2611



188.0240, 33.0192, -137.7100



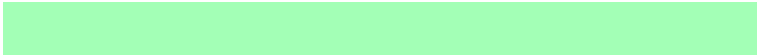
226.8240, 13.8908, 24.7104



216.1830, -4.0342, 34.0425

Sweetspot

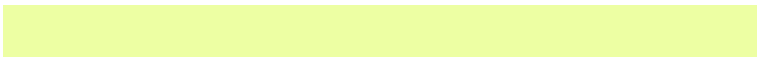
The Sweet Spot groups the original color and five complimentary colors.



219.1700, -18.3248, -49.2611



244.1200, -5.4822, -15.0142



239.1300, -37.5321, -1.8680



121.3210, -3.6093, -9.0515



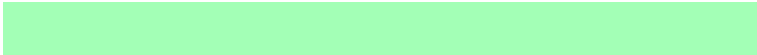
0.0000, 0.0000, 0.0000



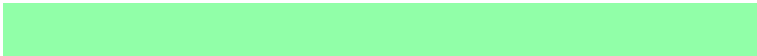
128.0000, 0.0000, 0.0000

Same Dimension

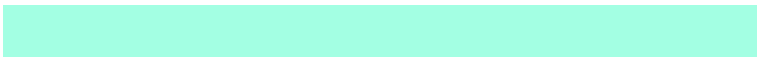
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.1700, -18.3248, -49.2611



212.1920, -21.7867, -58.9274



224.3000, 1.3311, -53.7601



122.8590, -2.8885, -6.8923



116.5630, -38.2386, -102.2258



39.0500, -12.8426, -34.2468

Inverse Universe

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



198.8300, 18.3248, 49.2611



187.8080, 21.7867, 58.9274



193.7000, -1.3311, 53.7601



120.0270, 2.4517, 6.9923



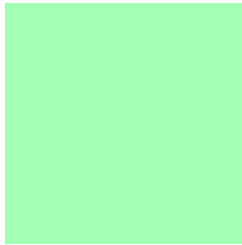
74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 219.1700, -18.3248, -49.2611 looks on a white background.

Color Contrast Check

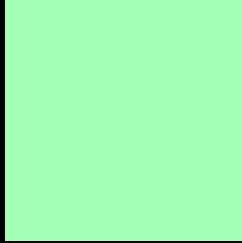
Large Text (above 18pt) WCAG AA × Fail

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 219.1700, -18.3248, -49.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

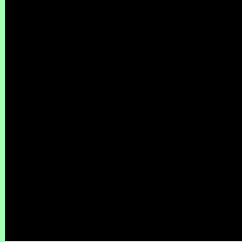
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

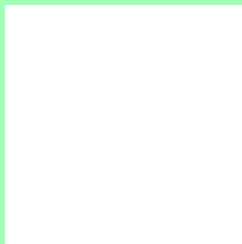
Any Text WCAG AAA ✓ Pass

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

YUV 219.1700, -18.3248, -49.2611 Background



This preview shows how black text looks on a background with the YUV color 219.1700, -18.3248, -49.2611.



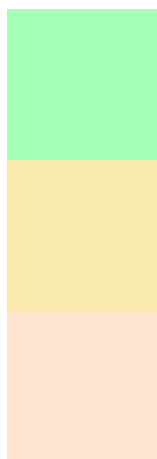
This preview shows how white text looks on a background with the YUV color 219.1700, -18.3248, -49.2611.

-49.2611.

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

219.1700, -18.3248, -49.2611

Protanopia

231.1290, -29.1506, 16.5499

Deuteranopia

234.0210, -11.8424, 18.3986



Tritanopia

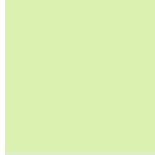
229.7390, 12.4537, -27.8351

Trichromacy



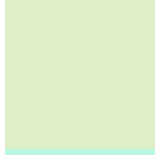
Original Color

219.1700, -18.3248, -49.2611



Protanomaly

226.7130, -25.0015, -7.6413



Deuteranomaly

228.8840, -14.2398, -6.0373



Tritanomaly

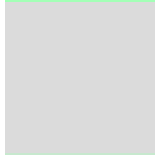
225.7090, 1.1295, -35.7018

Monochromacy



Original Color

219.1700, -18.3248, -49.2611



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

219.1690, -6.4923, -17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1700, -18.3248, -49.2611 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(163, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 182)  
}
```

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(163, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 182) }
```

Border

The CSS property to change the border of an element to YUV 219.1700, -18.3248, -49.2611 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(163, 255, 182) }
```


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

```
.border{ border-color:rgb(163, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 219.1700, -18.3248, -49.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 182) }
```

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

```
.background{ background-color: rgb(163,  
255, 182) }
```

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