

Converting Colors

YUV(212.7190, -21.0605,
-58.5126)

Have a look what the booklet for
YUV(212.7190, -21.0605, -58.5126)
contains.

YUV(212.7190, -21.0605, -58.5126)	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(212.7190, -21.0605,
-58.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	92FFAA
RGB	146, 255, 170
RGB Percent	57%, 100%, 67%
CMY	0.4275, 0.0000, 0.3333
CMYK	0.43, 0.00, 0.33, 0.00
HSL	133°, 100%, 79%
HSV	133°, 43%, 100%
XYZ	54.8698, 80.5333, 50.6827
YIQ	212.7190, -37.6790, -49.5430

Conversions

Conversions Part 2

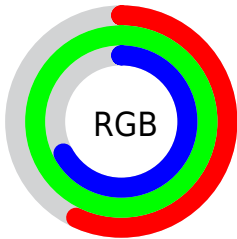
Format	Color
RYB	146, 235, 255
Decimal	9633706
CIELab	91.92, -48.86, 31.08
CIElCh	92, 57.906, 147.543
Yxy	80.5333, 0.2949, 0.4328
Android (android.graphics.Color)	4287823786 (0xFF92FFAA)
YUV	212.7190, -21.0605, -58.5126
Hunter-Lab	89.7403, -47.9057, 29.3330

Details

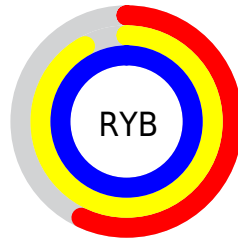
The YUV color **212.7190, -21.0605, -58.5126** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **188.2810, 21.0605, 58.5126**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4450, -5.1494, -28.4543**, and **155.8760, -19.1659, -59.5273** is the 20% darker color. If you saturate the color by 10%, you get **202.9640, -26.1113, -71.8824**, and if you desaturate by 10%, it is **222.4740, -16.0097, -45.1427**.

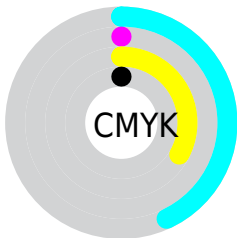
Distribution



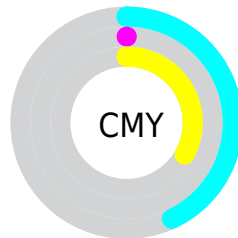
- Red (57%)
- Green (100%)
- Blue (67%)



- Red (57%)
- Yellow (92%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7190, -21.0605, -58.5126 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 212.7190, -21.0605, -58.5126 by changing the saturation by 10% instead.

■ 212.7190,
-21.0605, -58.5126

■ 212.7190,
-21.0605, -58.5126

255.0000, 0.0000,
0.0000

■ 183.9470,
-20.1869, -58.7125

■ 236.4450, -5.1494,
-28.4543

■ 155.8760,
-19.1659, -59.5273

■ 248.7210, 3.0955,
-12.9103

■ 127.6200,
-17.5607, -61.0567

■ 96.6620, -14.6234,
-69.8636

■ 73.1080, -14.3502,
-64.1157

■ 55.6970, -17.5986,
-48.8463

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 7.6310, -3.7621,
-6.6924

■ 212.7190,
-21.0605, -58.5126

■ 212.7190,
-21.0605, -58.5126

■ 202.9640,
-26.1113, -71.8824

■ 222.4740,
-16.0097, -45.1427

■ 192.9100,
-31.0146, -85.8671

■ 232.5280,
-11.1063, -31.1581

■ 182.8560,
-35.9180, -99.8517

■ 242.5820, -6.2029,
-17.1734

■ 173.1010,
-40.9688, -113.2216

■ 252.3370, -1.1521,
-3.8035

■ 163.1610, 255.0000, 0.0000,
-45.4354, -127.3062 0.0000

■ 156.0690,
-49.3340, -136.8725

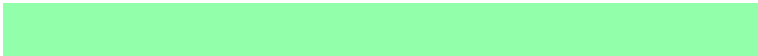
Harmonies

Analogous

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



222.0340, -45.3728, -7.0458



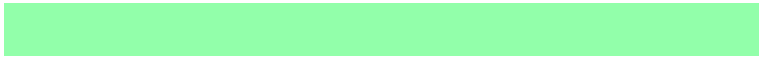
212.7190, -21.0605, -58.5126



181.6140, 21.3893, -140.8585

Triad

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



212.7190, -21.0605, -58.5126



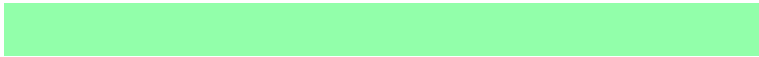
207.9340, 23.2035, -69.2251



209.2240, -12.9284, 40.1456

Complementary

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



212.7190, -21.0605, -58.5126



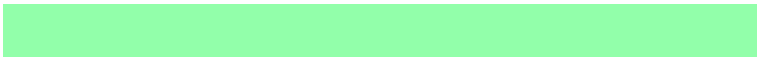
188.2810, 21.0605, 58.5126

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.



213.2600, 12.6898, 36.6060



212.7190, -21.0605, -58.5126



226.3930, 14.1033, 3.1633

Square

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



212.7190, -21.0605, -58.5126



177.5810, 38.1676, -155.7385



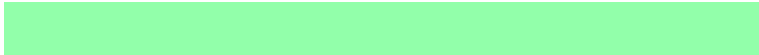
221.5410, 16.4953, 29.3435



213.6000, -36.7778, 36.3078

Rectangle

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



212.7190, -21.0605, -58.5126



178.7550, 37.5888, -156.7681



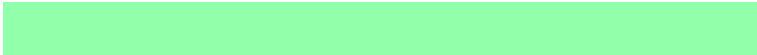
221.5410, 16.4953, 29.3435



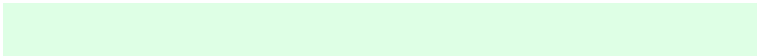
208.9280, -3.9085, 40.4051

Sweetspot

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



212.7190, -21.0605, -58.5126



242.1690, -6.4923, -17.6882



235.3980, -44.0732, -3.8570



119.8970, -3.8932, -11.3107



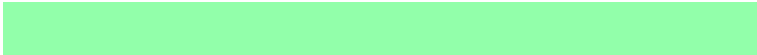
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



212.7190, -21.0605, -58.5126



204.6160, -24.9537, -69.8232



218.8750, 2.5266, -63.9114



122.9730, -2.4517, -6.9923



116.9050, -36.9282, -102.5257



39.1640, -12.4059, -34.3468

Inverse Universe

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



188.2810, 21.0605, 58.5126



175.3840, 24.9537, 69.8232



182.1250, -2.5266, 63.9114



120.0270, 2.4517, 6.9923



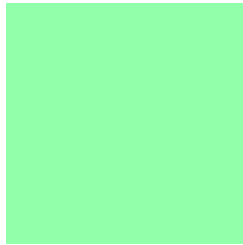
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 212.7190, -21.0605, -58.5126 looks on a white background.

Color Contrast Check

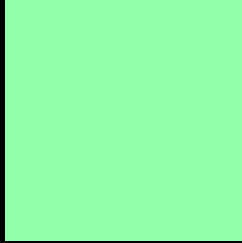
Large Text (above 18pt) WCAG AA × Fail

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 212.7190, -21.0605, -58.5126 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 212.7190, -21.0605, -58.5126 Background



This preview shows how black text looks on a background with the YUV color 212.7190, -21.0605, -58.5126.



This preview shows how white text looks on a background with the YUV color 212.7190, -21.0605, -58.5126.

-58.5126.

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

212.7190, -21.0605, -58.5126

Protanopia

227.5870, -33.8134, 18.7792

Deuteranopia

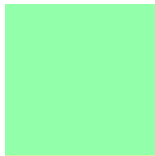
231.2340, -14.9054, 20.8428



Tritanopia

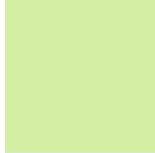
225.5640, 14.5119, -34.6976

Trichromacy



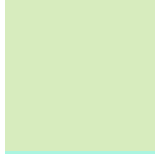
Original Color

212.7190, -21.0605, -58.5126



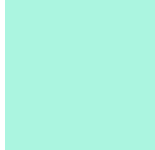
Protanomaly

222.2630, -29.2167, -9.0007



Deuteranomaly

224.4770, -16.9972, -8.3113



Tritanomaly

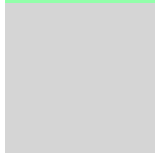
220.4800, 1.7354, -43.3940

Monochromacy



Original Color

212.7190, -21.0605, -58.5126



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.8050, -7.7919, -20.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7190, -21.0605, -58.5126 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(146, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 170)  
}
```

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(146, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 170) }
```

Border

The CSS property to change the border of an element to YUV 212.7190, -21.0605, -58.5126 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(146, 255, 170) }
```


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

```
.border{ border-color:rgb(146, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(146, 255,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 212.7190, -21.0605, -58.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 170) }
```

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

```
.background{ background-color: rgb(146,  
255, 170) }
```

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