

Converting Colors

YUV(212.6930, -8.2296,
-67.2598)

Have a look what the booklet for
YUV(212.6930, -8.2296, -67.2598)
contains.

YUV(212.6930, -8.2296, -67.2598)	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(212.6930, -8.2296,
-67.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	88FFC4
RGB	136, 255, 196
RGB Percent	53%, 100%, 77%
CMY	0.4667, 0.0000, 0.2314
CMYK	0.47, 0.00, 0.23, 0.00
HSL	150°, 100%, 77%
HSV	150°, 47%, 100%
XYZ	55.8771, 80.7398, 64.8639
YIQ	212.6930, -51.9850, -43.5770

Conversions

Conversions Part 2

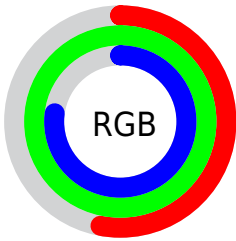
Format	Color
RYB	136, 215, 255
Decimal	8978372
CIELab	92.02, -46.73, 17.95
CIElCh	92, 50.055, 158.986
Yxy	80.7398, 0.2773, 0.4007
Android (android.graphics.Color)	4287168452 (0xFF88FFC4)
YUV	212.6930, -8.2296, -67.2598
Hunter-Lab	89.8553, -46.2453, 20.0990

Details

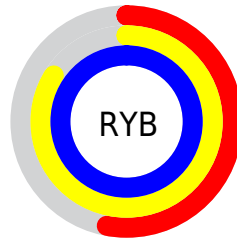
The YUV color **212.6930, -8.2296, -67.2598** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **178.3070, 8.2296, 67.2598**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8320, 7.9708, -36.6867**, and **155.1380, -6.4770, -69.4040** is the 20% darker color. If you saturate the color by 10%, you get **203.7360, -10.2228, -81.3295**, and if you desaturate by 10%, it is **221.9490, -6.3839, -52.5753**.

Distribution



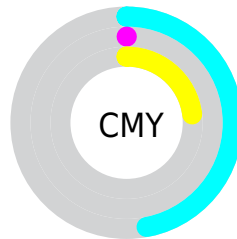
- Red (53%)
- Green (100%)
- Blue (77%)



- Red (53%)
- Yellow (84%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.6930, -8.2296, -67.2598 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 212.6930, -8.2296, -67.2598 by changing the saturation by 10% instead.


 212.6930, -8.2296,
-67.2598


 212.6930, -8.2296,
-67.2598

255.0000, 0.0000,
0.0000

 183.9210, -7.3561,
-67.4597


 236.8320, 7.9708,
-36.6867

 155.1380, -6.4770,
-69.4040


 245.7310, 4.5696,
-19.0581

 125.5720, -4.7190,
-73.2926

254.7010, 0.1474,
-0.6148

 94.4290, -1.1975,
-82.8142

 75.8440, -3.8671,
-66.5152

 58.5470, -6.6787,
-51.3457

 41.4780, -8.6167,

-36.3762

■ 25.8280, -12.7332,
-22.6512

■ 7.6310, -3.7621,
-6.6924

■ 212.6930, -8.2296,
-67.2598

■ 212.6930, -8.2296,
-67.2598

■ 203.7360,
-10.2228, -81.3295

■ 221.9490, -6.3839,
-52.5753

■ 194.5940,
-11.6318, -96.1139

■ 230.7920, -4.8275,
-38.4056

■ 185.6370,
-13.6250, -110.1836

■ 240.0480, -2.9817,
-23.7211

■ 176.3810,
-15.4708, -124.8681

■ 249.0050, -0.9885,
-9.6514

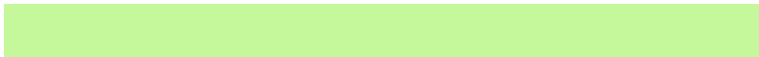
■ 167.5380, 255.0000, 0.0000,
-17.0272, -139.0378 0.0000

■ 164.3910,
-17.4478, -144.1709

Harmonies

Analogous

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



221.5620, -32.8151, -21.5409



212.6930, -8.2296, -67.2598



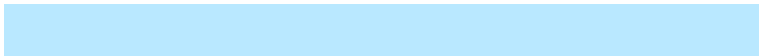
194.0600, 25.1134, -121.9556

Triad

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



212.6930, -8.2296, -67.2598



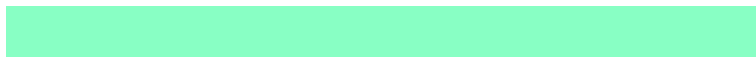
220.5690, 16.9745, -31.1940



214.6550, -20.0429, 35.3826

Complementary

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



212.6930, -8.2296, -67.2598



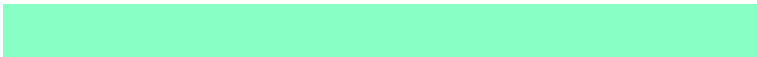
178.3070, 8.2296, 67.2598

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.



215.0890, 1.9281, 35.0019



212.6930, -8.2296, -67.2598



230.9330, 11.8650, 21.1068

Square

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



212.6930, -8.2296, -67.2598



201.5780, 26.3370, -94.3459



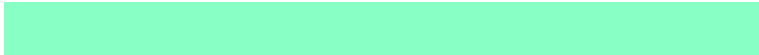
222.1280, 16.2059, 28.8287



219.9260, -37.9245, 30.7599

Rectangle

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



212.6930, -8.2296, -67.2598



178.7550, 37.5888, -156.7681



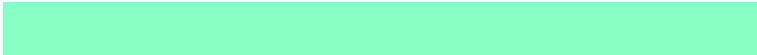
222.1280, 16.2059, 28.8287



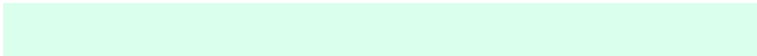
213.9030, -12.7702, 36.0421

Sweetspot

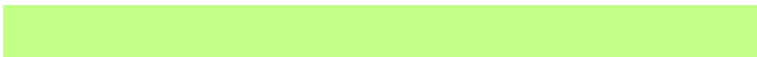
The Sweet Spot groups the original color and five complimentary colors.



212.6930, -8.2296, -67.2598



242.1840, -2.5557, -20.3324



223.7930, -43.2819, -24.3745



120.1680, -1.5618, -12.4253



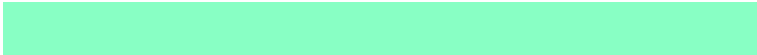
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



212.6930, -8.2296, -67.2598



204.1490, -9.9335, -80.8147



219.4190, 17.5414, -73.1585



123.3150, -1.1413, -7.2923



123.0610, -13.3411, -107.9245



41.2160, -4.5435, -36.1464

Inverse Universe

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



178.3070, 8.2296, 67.2598



162.8510, 9.9335, 80.8147



171.5810, -17.5414, 73.1585



119.5710, 0.7045, 7.3922



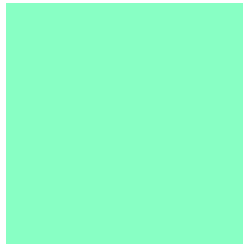
67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 212.6930, -8.2296, -67.2598 looks on a white background.

Color Contrast Check

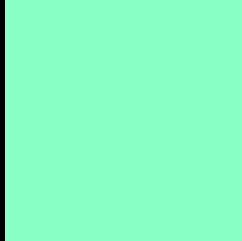
Large Text (above 18pt) WCAG AA × Fail

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 212.6930, -8.2296, -67.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

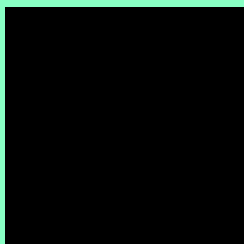
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

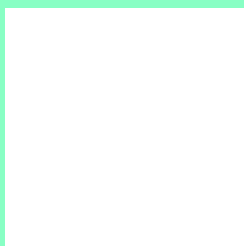
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.6930, -8.2296, -67.2598

Background



This preview shows how black text looks on a background with the YUV color 212.6930, -8.2296, -67.2598.



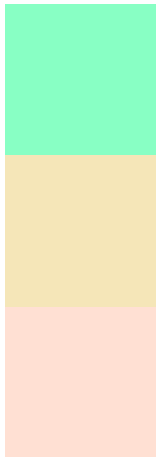
This preview shows how white text looks on a background with the YUV color 212.6930, -8.2296, -67.2598.

-67.2598.

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

212.6930, -8.2296, -67.2598

Protanopia

229.2410, -22.3038, 13.8206

Deuteranopia

231.7870, -10.2480, 20.3578



Tritanopia

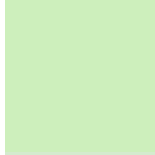
225.2540, 14.6648, -37.0568

Trichromacy



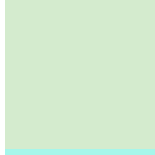
Original Color

212.6930, -8.2296, -67.2598



Protanomaly

223.0200, -17.2649, -15.8035



Deuteranomaly

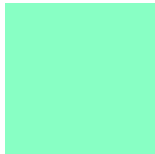
224.8170, -9.2768, -11.2405



Tritanomaly

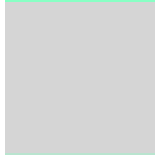
220.7120, 6.5510, -47.9824

Monochromacy



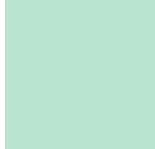
Original Color

212.6930, -8.2296, -67.2598



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7490, -2.8343, -24.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6930, -8.2296, -67.2598 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(136, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 196)  
}
```

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(136, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 196) }
```

Border

The CSS property to change the border of an element to YUV 212.6930, -8.2296, -67.2598 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(136, 255, 196) }
```


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

```
.border{ border-color:rgb(136, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 212.6930, -8.2296, -67.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 196) }
```

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

```
.background{ background-color: rgb(136,  
255, 196) }
```

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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