

Converting Colors

YUV(218.9310, -2.4310,
-60.4525)

Have a look what the booklet for
YUV(218.9310, -2.4310, -60.4525)
contains.

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Color

**YUV(218.9310, -2.4310,
-60.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	96FFD6
RGB	150, 255, 214
RGB Percent	59%, 100%, 84%
CMY	0.4118, 0.0000, 0.1608
CMYK	0.41, 0.00, 0.16, 0.00
HSL	157°, 100%, 79%
HSV	157°, 41%, 100%
XYZ	60.4753, 82.8591, 76.4243
YIQ	218.9310, -49.4190, -35.0110

Conversions

Conversions Part 2

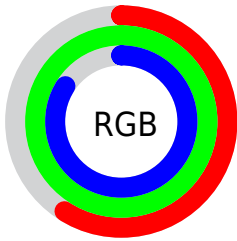
Format	Color
RYB	150, 215, 255
Decimal	9895894
CIELab	92.95, -39.58, 10.11
CIELCh	93, 40.847, 165.672
Yxy	82.8591, 0.2752, 0.3770
Android (android.graphics.Color)	4288085974 (0xFF96FFD6)
YUV	218.9310, -2.4310, -60.4525
Hunter-Lab	91.0270, -40.7077, 13.9402

Details

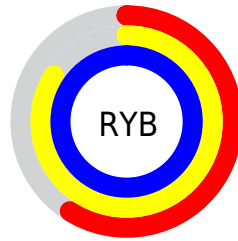
The YUV color **218.9310, -2.4310, -60.4525** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **186.0690, 2.4310, 60.4525**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **162.1590, -1.5574, -60.6524** is the 20% darker color. If you saturate the color by 10%, you get **210.3160, -3.1138, -74.8221**, and if you desaturate by 10%, it is **227.8450, -1.8956, -45.4681**.

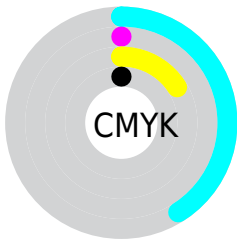
Distribution



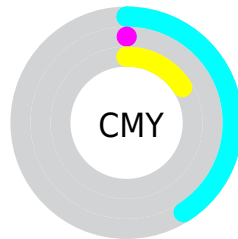
- Red (59%)
- Green (100%)
- Blue (84%)



- Red (59%)
- Yellow (84%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9310, -2.4310, -60.4525 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 218.9310, -2.4310, -60.4525 by changing the saturation by 10% instead.

 218.9310, -2.4310,
-60.4525


 218.9310, -2.4310,
-60.4525

255.0000, 0.0000,
0.0000


 190.0450, -1.9942,
-60.5525


 240.9470, 6.9281,
-28.8945


 162.1590, -1.5574,
-60.6524

 249.6180, 2.6533,
-11.0660

 133.7890, -0.3890,
-62.0820

 104.3260, 1.8113,
-67.8149

 78.2550, 2.8323,
-68.6296

 60.8440, -0.4161,
-53.3602

 43.7750, -2.3541,

-38.3907

■ 27.8800, -4.8708,
-24.4508

■ 10.5660, -5.2090,
-9.2664

■ 218.9310, -2.4310,
-60.4525

■ 218.9310, -2.4310,
-60.4525

■ 210.3160, -3.1138,
-74.8221

■ 227.8450, -1.8956,
-45.4681

■ 201.4020, -3.6492,
-89.8066

■ 236.4600, -1.2128,
-31.0984

■ 192.7870, -4.3320,
-104.1762

■ 245.3740, -0.6774,
-16.1140

■ 183.8730, -4.8674,
-119.1606

■ 253.9890, 0.0054,
-1.7444

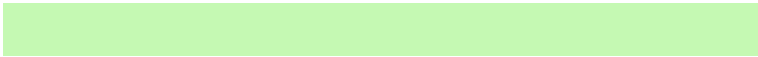
■ 175.2580, -5.5502, 255.0000, 0.0000,
-133.5303 0.0000

■ 167.3550, -6.0910,
-146.7703

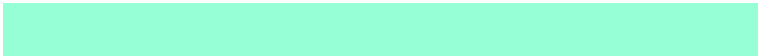
Harmonies

Analogous

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



225.4720, -22.9107, -24.9699



218.9310, -2.4310, -60.4525



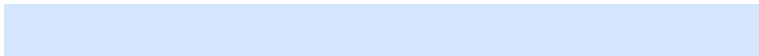
211.6450, 21.3740, -89.1427

Triad

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



218.9310, -2.4310, -60.4525



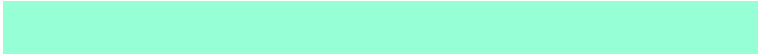
228.3540, 13.1365, -13.4655



221.7960, -20.6054, 29.1199

Complementary

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



218.9310, -2.4310, -60.4525



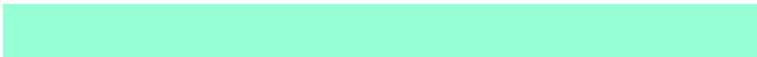
186.0690, 2.4310, 60.4525

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.



221.6770, -3.2918, 29.2243



218.9310, -2.4310, -60.4525



232.6940, 10.9969, 19.5624

Square

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



218.9310, -2.4310, -60.4525



218.0450, 18.2188, -57.0445



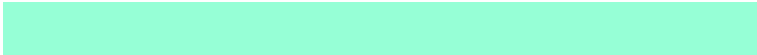
226.8240, 13.8908, 24.7104



227.0330, -33.5403, 24.5271

Rectangle

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



218.9310, -2.4310, -60.4525



208.3670, 22.9901, -94.1609



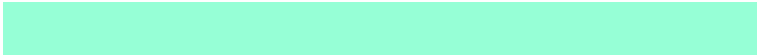
226.8240, 13.8908, 24.7104



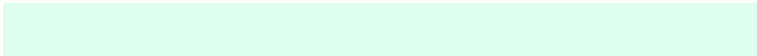
221.2890, -14.9325, 29.5645

Sweetspot

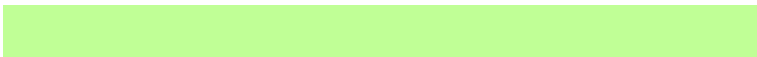
The Sweet Spot groups the original color and five complimentary colors.



218.9310, -2.4310, -60.4525



244.3630, -0.6720, -17.8584



224.1930, -36.5771, -28.2333



121.8200, -0.4043, -10.3661



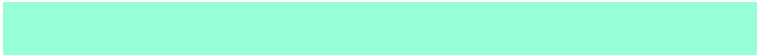
0.0000, 0.0000, 0.0000



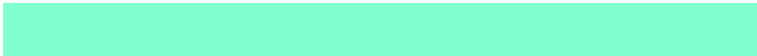
128.0000, 0.0000, 0.0000

Same Dimension

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



218.9310, -2.4310, -60.4525



212.0390, -2.9772, -71.9482



217.1480, 18.6610, -58.8888



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463

Inverse Universe

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



186.0690, 2.4310, 60.4525



172.9610, 2.9772, 71.9482



187.8520, -18.6610, 58.8888



119.4570, 0.2677, 7.4922



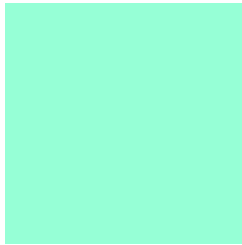
65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 218.9310, -2.4310, -60.4525 looks on a white background.

Color Contrast Check

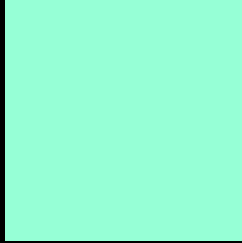
Large Text (above 18pt) WCAG AA × Fail

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 218.9310, -2.4310, -60.4525 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 218.9310, -2.4310, -60.4525 Background



This preview shows how black text looks on a background with the YUV color 218.9310, -2.4310, -60.4525.



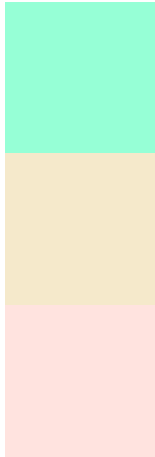
This preview shows how white text looks on a background with the YUV color 218.9310, -2.4310,

-60.4525.

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

218.9310, -2.4310, -60.4525

Protanopia

233.1680, -14.8728, 10.3767

Deuteranopia

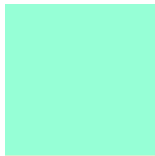
234.9160, -5.8746, 17.6137



Tritanopia

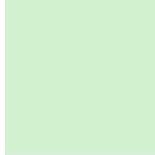
229.1300, 12.7539, -30.8090

Trichromacy



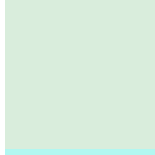
Original Color

218.9310, -2.4310, -60.4525



Protanomaly

227.8550, -10.2815, -15.6588



Deuteranomaly

229.0820, -4.4774, -10.5959



Tritanomaly

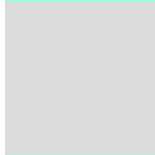
225.5710, 7.1135, -41.7198

Monochromacy



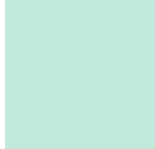
Original Color

218.9310, -2.4310, -60.4525



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.9280, -0.9505, -21.8619

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9310, -2.4310, -60.4525 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(150, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 214)  
}
```

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(150, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 214) }
```

Border

The CSS property to change the border of an element to YUV 218.9310, -2.4310, -60.4525 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(150, 255, 214) }
```


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

```
.border{ border-color:rgb(150, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 218.9310, -2.4310, -60.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 214) }
```

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

```
.background{ background-color: rgb(150,  
255, 214) }
```

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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