

Converting Colors

YUV(219.9420, -2.4364,
-58.7081)

Have a look what the booklet for
YUV(219.9420, -2.4364, -58.7081)
contains.

YUV(219.9420, -2.4364, -58.7081)	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(219.9420, -2.4364,
-58.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFD7
RGB	153, 255, 215
RGB Percent	60%, 100%, 84%
CMY	0.4000, 0.0000, 0.1569
CMYK	0.40, 0.00, 0.16, 0.00
HSL	156°, 100%, 80%
HSV	156°, 40%, 100%
XYZ	61.1626, 83.1986, 77.1253
YIQ	219.9420, -47.9520, -34.0640

Conversions

Conversions Part 2

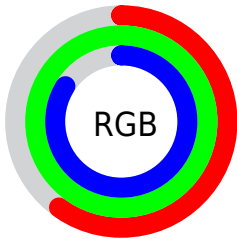
Format	Color
RYB	153, 216, 255
Decimal	10092503
CIELab	93.10, -38.59, 9.82
CIELCh	93, 39.824, 165.720
Yxy	83.1986, 0.2761, 0.3756
Android (android.graphics.Color)	4288282583 (0xFF99FFD7)
YUV	219.9420, -2.4364, -58.7081
Hunter-Lab	91.2133, -39.9309, 13.7167

Details

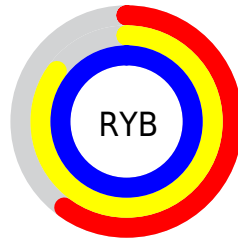
The YUV color **219.9420, -2.4364, -58.7081** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **188.0580, 2.4364, 58.7081**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **163.1700, -1.5628, -58.9081** is the 20% darker color. If you saturate the color by 10%, you get **211.3270, -3.1192, -73.0778**, and if you desaturate by 10%, it is **228.8560, -1.9010, -43.7237**.

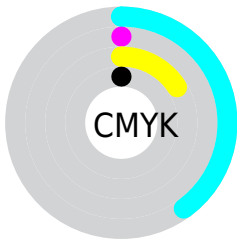
Distribution



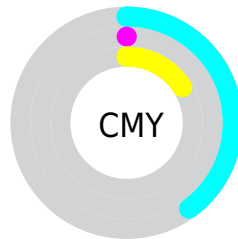
- Red (60%)
- Green (100%)
- Blue (84%)



- Red (60%)
- Yellow (85%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.9420, -2.4364, -58.7081 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 219.9420, -2.4364, -58.7081 by changing the saturation by 10% instead.


 219.9420, -2.4364,
-58.7081


 219.9420, -2.4364,
-58.7081

255.0000, 0.0000,
0.0000

 191.3550, -2.1470,
-58.1933


 241.8440, 6.4859,
-27.0502


 163.1700, -1.5628,
-58.9081

 250.5150, 2.2111,
-9.2217

 135.0990, -0.5418,
-59.7228

 106.5330, 1.2162,
-63.6114

 78.2550, 2.8323,
-68.6296

 60.9580, 0.0207,
-53.4602

 43.7750, -2.3541,

-38.3907

■ 28.5810, -4.7234,
-25.0655

■ 11.1530, -5.4984,
-9.7812

■ 219.9420, -2.4364,
-58.7081

■ 219.9420, -2.4364,
-58.7081

■ 211.3270, -3.1192,
-73.0778

■ 228.8560, -1.9010,
-43.7237

■ 202.4130, -3.6546,
-88.0622

■ 237.4710, -1.2182,
-29.3541

■ 193.7980, -4.3374,
-102.4318

■ 246.3850, -0.6828,
-14.3696

■ 184.8840, -4.8728,
-117.4163

255.0000, 0.0000,
0.0000

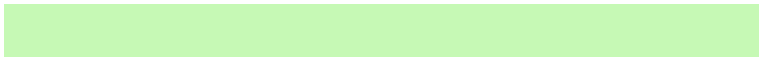
■ 175.9700, -5.4082,
-132.4007

■ 167.3550, -6.0910,
-146.7703

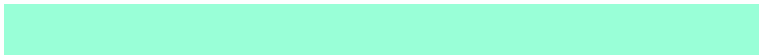
Harmonies

Analogous

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



225.9990, -22.1845, -24.5551



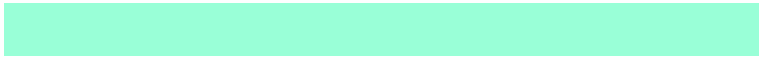
219.9420, -2.4364, -58.7081



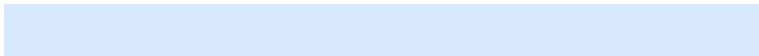
213.1400, 20.6370, -86.0688

Triad

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



219.9420, -2.4364, -58.7081



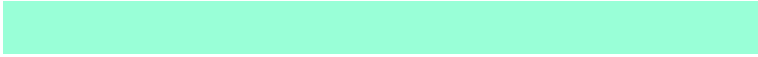
229.5390, 12.5523, -12.7507



222.6110, -20.0212, 28.4052

Complementary

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



219.9420, -2.4364, -58.7081



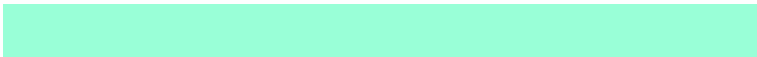
188.0580, 2.4364, 58.7081

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.



222.3780, -3.1444, 28.6095



219.9420, -2.4364, -58.7081



233.2810, 10.7075, 19.0476

Square

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



219.9420, -2.4364, -58.7081



219.2410, 17.6292, -54.5854



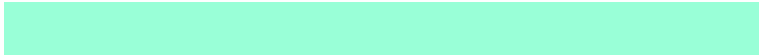
227.4110, 13.6014, 24.1956



227.2610, -32.6667, 24.3271

Rectangle

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



219.9420, -2.4364, -58.7081



210.4600, 21.9582, -89.8574



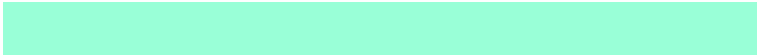
227.4110, 13.6014, 24.1956



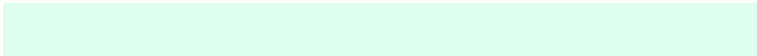
221.9900, -14.7851, 28.9498

Sweetspot

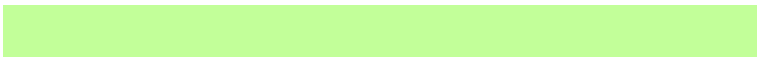
The Sweet Spot groups the original color and five complimentary colors.



219.9420, -2.4364, -58.7081



244.3630, -0.6720, -17.8584



225.1330, -35.5616, -27.3036



121.8200, -0.4043, -10.3661



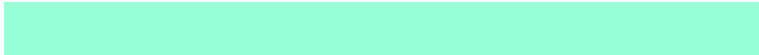
0.0000, 0.0000, 0.0000



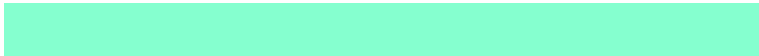
128.0000, 0.0000, 0.0000

Same Dimension

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



219.9420, -2.4364, -58.7081



213.0500, -2.9827, -70.2039



218.6320, 17.9294, -57.5593



123.5430, -0.2677, -7.4922



125.3410, -4.6051, -109.9241



42.0140, -1.4859, -36.8463

Inverse Universe

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



188.0580, 2.4364, 58.7081



174.9500, 2.9827, 70.2039



189.3680, -17.9294, 57.5593



119.4570, 0.2677, 7.4922



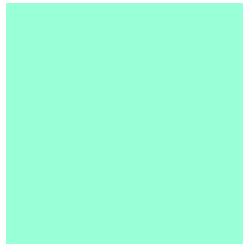
65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 219.9420, -2.4364, -58.7081 looks on a white background.

Color Contrast Check

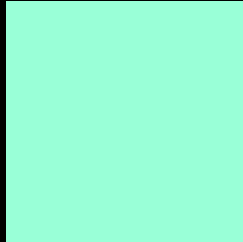
Large Text (above 18pt) WCAG AA × Fail

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 219.9420, -2.4364, -58.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

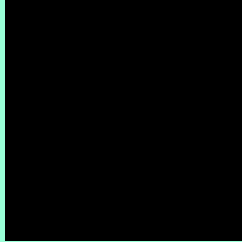
Any Text WCAG AA ✓ Pass

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 219.9420, -2.4364, -58.7081 Background



This preview shows how black text looks on a background with the YUV color 219.9420, -2.4364, -58.7081.



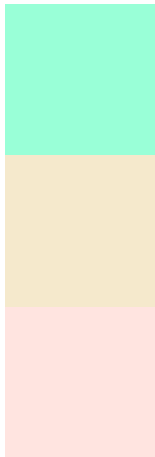
This preview shows how white text looks on a background with the YUV color 219.9420, -2.4364,

-58.7081.

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

219.9420, -2.4364, -58.7081

Protanopia

233.2820, -14.4360, 10.2767

Deuteranopia

235.6170, -5.7272, 16.9989



Tritanopia

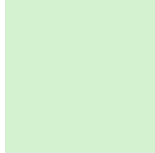
229.7280, 12.4591, -29.5795

Trichromacy



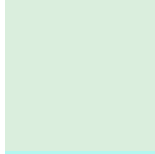
Original Color

219.9420, -2.4364, -58.7081



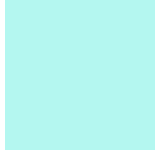
Protanomaly

228.5670, -10.1395, -14.5293



Deuteranomaly

230.0820, -4.4774, -10.5959



Tritanomaly

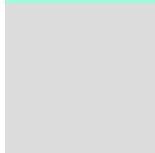
226.1690, 6.8187, -40.4902

Monochromacy



Original Color

219.9420, -2.4364, -58.7081



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.2270, -1.0979, -21.2471

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9420, -2.4364, -58.7081 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(153, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 215)  
}
```

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(153, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 215) }
```

Border

The CSS property to change the border of an element to YUV 219.9420, -2.4364, -58.7081 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(153, 255, 215) }
```


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

```
.border{ border-color:rgb(153, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 255, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 255, 215); box-shadow:4px 4px 4px 4px rgb(153, 255, 215) }
```

Background

The CSS property to change the background color of an element to YUV 219.9420, -2.4364, -58.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 215) }
```

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

```
.background{ background-color: rgb(153,  
255, 215) }
```

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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