

# Converting Colors

YUV(219.7420, -5.7888,  
-56.7787)

Have a look what the booklet for  
YUV(219.7420, -5.7888, -56.7787)  
contains.

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# Color

**YUV(219.7420, -5.7888,  
-56.7787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BFFD0
RGB	155, 255, 208
RGB Percent	61%, 100%, 82%
CMY	0.3922, 0.0000, 0.1843
CMYK	0.39, 0.00, 0.18, 0.00
HSL	152°, 100%, 80%
HSV	152°, 39%, 100%
XYZ	60.6627, 83.0426, 72.5061
YIQ	219.7420, -44.5130, -35.8170

# Conversions

## Conversions Part 2

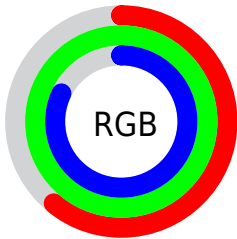
Format	Color
<a href="#">RYB</a>	<a href="#">155, 220, 255</a>
Decimal	<a href="#">10223568</a>
CIELab	<a href="#">93.03, -39.48, 13.34</a>
CIElCh	<a href="#">93, 41.671, 161.332</a>
Yxy	<a href="#">83.0426, 0.2806, 0.3841</a>
Android (android.graphics.Color)	<a href="#">4288413648 (0xFF9BFFD0)</a>
YUV	<a href="#">219.7420, -5.7888, -56.7787</a>
Hunter-Lab	<a href="#">91.1277, -40.6480, 16.6151</a>

# Details

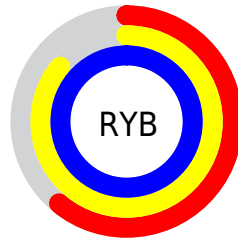
The YUV color **219.7420, -5.7888, -56.7787** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **190.2580, 5.7888, 56.7787**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **163.3830, -4.6258, -56.4639** is the 20% darker color. If you saturate the color by 10%, you get **210.8990, -7.3452, -70.9484**, and if you desaturate by 10%, it is **228.5850, -4.2324, -42.6090**.

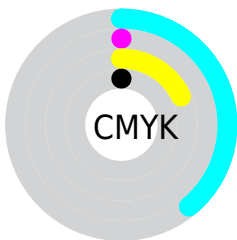
# Distribution



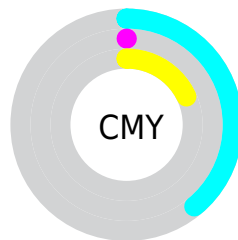
- Red (61%)
- Green (100%)
- Blue (82%)



- Red (61%)
- Yellow (86%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.7420, -5.7888, -56.7787 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 219.7420, -5.7888, -56.7787 by changing the saturation by 10% instead.




 219.7420, -5.7888,  
-56.7787


 219.7420, -5.7888,  
-56.7787

255.0000, 0.0000,  
0.0000

 191.1550, -5.4994,  
-56.2639


 242.4420, 6.1911,  
-25.8206


 163.3830, -4.6258,  
-56.4639

 251.1130, 1.9163,  
-7.9921

 135.3120, -3.6048,  
-57.2786

 106.9310, -2.4310,  
-60.4525

 77.5710, 0.2115,  
-68.0298

 60.2740, -2.6001,  
-52.8603

 43.2050, -4.5381,

-37.8908

■ 27.7830, -7.7810,  
-24.3657

■ 11.1530, -5.4984,  
-9.7812

■ 219.7420, -5.7888,  
-56.7787

■ 219.7420, -5.7888,  
-56.7787

■ 210.8990, -7.3452,  
-70.9484

■ 228.5850, -4.2324,  
-42.6090

■ 201.7570, -8.7542,  
-85.7329

■ 237.7270, -2.8234,  
-27.8246

■ 192.9140,  
-10.3106, -99.9026

■ 246.8690, -1.4144,  
-13.0401

■ 183.7720,  
-11.7196, -114.6870

■ 255.0000, 0.0000,  
0.0000

■ 174.6300,  
-13.1286, -129.4715

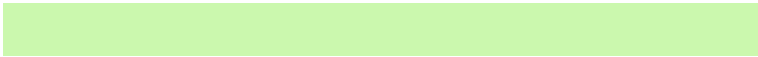
■ 165.7870,  
-14.6850, -143.6412

■ 165.0750,  
-14.8270, -144.7708

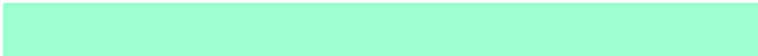
# Harmonies

## Analogous

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



226.1090, -25.6897, -20.2666



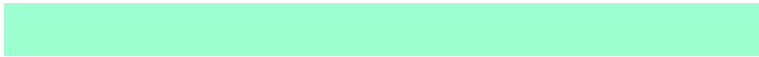
219.7420, -5.7888, -56.7787



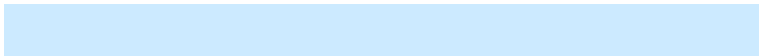
211.2600, 18.6058, -87.9280

# Triad

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



219.7420, -5.7888, -56.7787



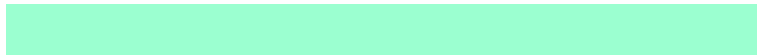
227.4240, 13.5950, -20.5428



221.0780, -18.2795, 29.7496

# Complementary

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



219.7420, -5.7888, -56.7787



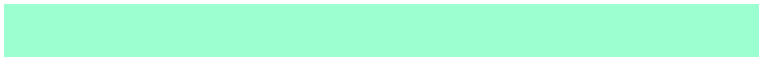
190.2580, 5.7888, 56.7787

# 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.



221.7740, -0.3816, 29.1392



219.7420, -5.7888, -56.7787



233.8680, 10.4181, 18.5328

# Square

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



219.7420, -5.7888, -56.7787



215.9300, 19.2615, -64.8366



227.4110, 13.6014, 24.1956

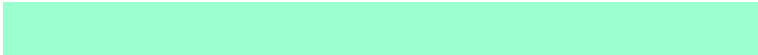


225.9730, -32.5247, 25.4567



# Rectangle

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



219.7420, -5.7888, -56.7787



207.4590, 23.4377, -97.7495



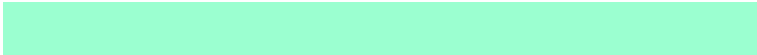
227.4110, 13.6014, 24.1956



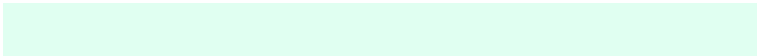
220.5710, -12.6065, 30.1942

# Sweetspot

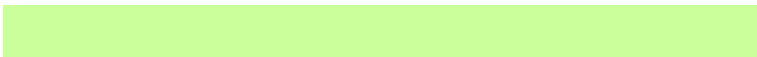
The Sweet Spot groups the original color and five complimentary colors.



219.7420, -5.7888, -56.7787



244.1350, -1.5456, -17.6584



228.0520, -36.0146, -21.9706



121.5920, -1.2779, -10.1662



0.0000, 0.0000, 0.0000

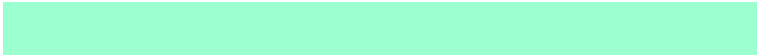


128.0000, 0.0000, 0.0000

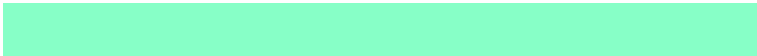


# Same Dimension

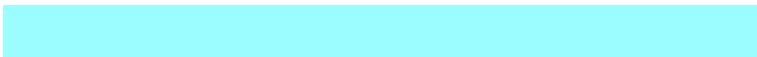
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.7420, -5.7888, -56.7787



212.7360, -6.7718, -68.1745



223.9260, 15.3195, -60.4481



123.4290, -0.7045, -7.3922



123.6310, -11.1571, -108.4244



41.4440, -3.6699, -36.3464



# Inverse Universe

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



190.2580, 5.7888, 56.7787



177.2640, 6.7718, 68.1745



186.0740, -15.3195, 60.4481



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244

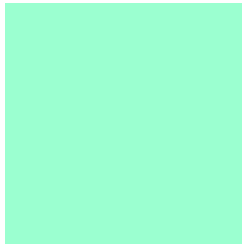


22.5560, 3.6699, 36.3464



# Previews

## White Background



This preview shows how the YUV color 219.7420, -5.7888, -56.7787 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

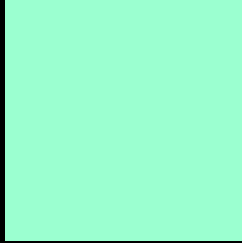
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.7420, -5.7888, -56.7787 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

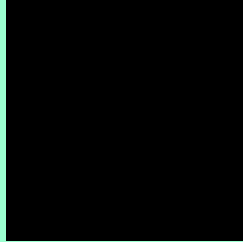
Any Text WCAG AA ✓ Pass

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 219.7420, -5.7888, -56.7787 Background



This preview shows how black text looks on a background with the YUV color 219.7420, -5.7888, -56.7787.



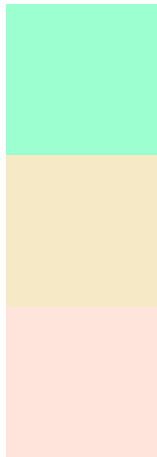
This preview shows how white text looks on a background with the YUV color 219.7420, -5.7888, -56.7787.

-56.7787.

# 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

219.7420, -5.7888, -56.7787

### Protanopia

232.7830, -17.6410, 11.5913

### Deuteranopia

235.1610, -7.4744, 17.3988



## Tritanopia

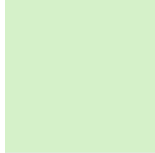
229.7280, 12.4591, -29.5795

# Trichromacy



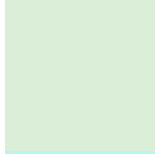
## Original Color

219.7420, -5.7888, -56.7787



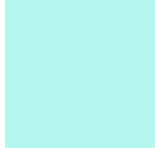
## Protanomaly

228.0680, -13.3445, -13.2146



## Deuteranomaly

229.8110, -6.8088, -9.4812



## Tritanomaly

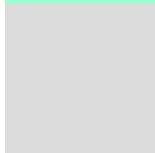
226.2400, 5.7977, -39.6755

# Monochromacy



## Original Color

219.7420, -5.7888, -56.7787



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

219.9990, -1.9715, -21.0471

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.7420, -5.7888, -56.7787 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(155, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 208)  
}
```

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(155, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 208) }
```

## Border

The CSS property to change the border of an element to YUV 219.7420, -5.7888, -56.7787 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".

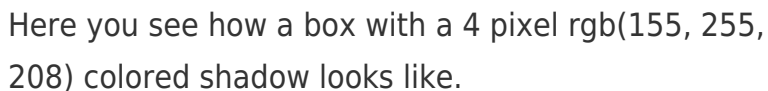
```
.border, #border, table{ border:4px solid rgb(155, 255, 208) }
```



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

```
.border{ border-color:rgb(155, 255, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
208) }
```

# Background

The CSS property to change the background color of an element to YUV 219.7420, -5.7888, -56.7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 208) }
```

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

```
.background{ background-color: rgb(155,  
255, 208) }
```

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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