

# Converting Colors

YUV(218.4540, -5.6468,  
-55.6492)

Have a look what the booklet for  
YUV(218.4540, -5.6468, -55.6492)  
contains.

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# Color

**YUV(218.4540, -5.6468,  
-55.6492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BFDCF
RGB	155, 253, 207
RGB Percent	61%, 99%, 81%
CMY	0.3922, 0.0078, 0.1882
CMYK	0.39, 0.00, 0.18, 0.01
HSL	152°, 96%, 80%
HSV	152°, 39%, 99%
XYZ	59.9053, 81.7241, 71.6485
YIQ	218.4540, -43.6420, -35.0820

# Conversions

## Conversions Part 2

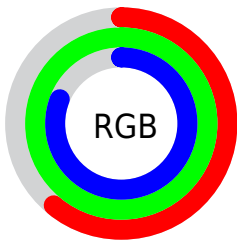
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	155, 219, 253
Decimal	10223055
CIE <sub>Lab</sub>	92.45, -38.78, 13.03
CIE <sub>LCh</sub>	92, 40.908, 161.427
Yxy	81.7241, 0.2809, 0.3832
Android (android.graphics.Color)	4288413135 (0xFF9BFDCF)
YUV	218.4540, -5.6468, -55.6492
Hunter-Lab	90.4014, -39.9177, 16.2901

# Details

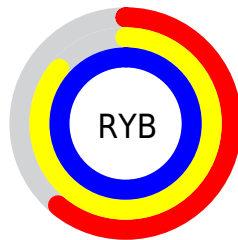
The YUV color **218.4540, -5.6468, -55.6492** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **189.5460, 5.6468, 55.6492**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **162.0950, -4.4838, -55.3343** is the 20% darker color. If you saturate the color by 10%, you get **209.6110, -7.2032, -69.8188**, and if you desaturate by 10%, it is **227.2970, -4.0904, -41.4795**.

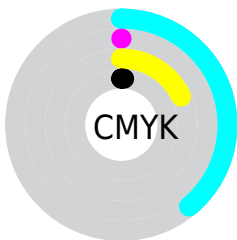
# Distribution



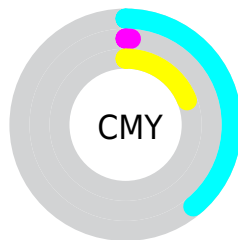
- Red (61%)
- Green (99%)
- Blue (81%)



- Red (61%)
- Yellow (86%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (39%)
- Magenta (1%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.4540, -5.6468, -55.6492 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 218.4540, -5.6468, -55.6492 by changing the saturation by 10% instead.



 218.4540, -5.6468,  
-55.6492


 218.4540, -5.6468,  
-55.6492


255.0000, 0.0000,  
0.0000

 189.8670, -5.3574,  
-55.1344

 242.1430, 6.3385,  
-26.4354


 162.0950, -4.4838,  
-55.3343

 251.1130, 1.9163,  
-7.9921

 134.0240, -3.4628,  
-56.1490

 106.0560, -1.9996,  
-58.8081

 76.3970, 0.7903,  
-67.0002

 59.1000, -2.0213,  
-51.8307

 42.5040, -4.6855,

-37.2760

■ 26.4950, -7.6390,  
-23.2361

■ 9.3920, -4.6303,  
-8.2368

■ 218.4540, -5.6468,  
-55.6492

■ 218.4540, -5.6468,  
-55.6492

■ 209.6110, -7.2032,  
-69.8188

■ 227.2970, -4.0904,  
-41.4795

■ 200.4690, -8.6122,  
-84.6033

■ 236.4390, -2.6814,  
-26.6950

■ 191.6260,  
-10.1686, -98.7730

■ 245.2820, -1.1250,  
-12.5253

■ 182.7830,  
-11.7250, -112.9427

■ 253.8260, 0.5788,  
1.0296

■ 173.7550,  
-12.6972, -127.8271

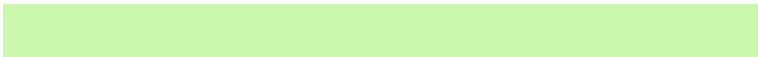
■ 164.9120,  
-14.2536, -141.9968

■ 163.7870,  
-14.6850, -143.6412

# Harmonies

## Analogous

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



224.5220, -25.4003, -19.7518



218.4540, -5.6468, -55.6492



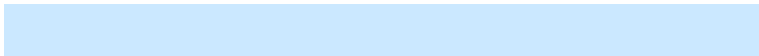
211.4450, 18.0216, -87.2133

# Triad

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



218.4540, -5.6468, -55.6492



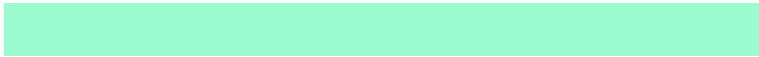
225.9510, 14.3212, -20.1280



220.3770, -18.4269, 30.3644

# Complementary

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



218.4540, -5.6468, -55.6492



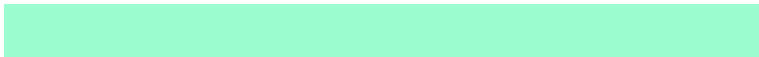
189.5460, 5.6468, 55.6492

# 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.



221.0730, -0.5290, 29.7540



218.4540, -5.6468, -55.6492



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.



218.4540, -5.6468, -55.6492



215.0550, 19.6929, -63.1922



226.8240, 13.8908, 24.7104

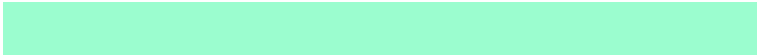


224.6850, -32.3827, 26.5863



# Rectangle

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



218.4540, -5.6468, -55.6492



207.7690, 23.2849, -95.3904



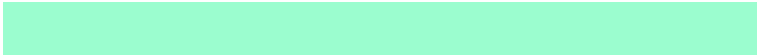
226.8240, 13.8908, 24.7104



219.8700, -12.7539, 30.8090

# Sweetspot

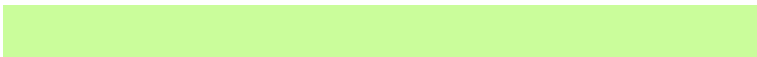
The Sweet Spot groups the original color and five complimentary colors.



218.4540, -5.6468, -55.6492



244.1350, -1.5456, -17.6584



226.5790, -35.2884, -21.5558



121.5920, -1.2779, -10.1662



0.0000, 0.0000, 0.0000

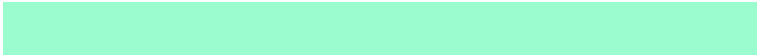


128.0000, 0.0000, 0.0000

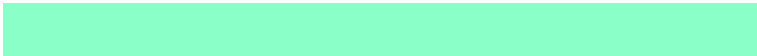


# Same Dimension

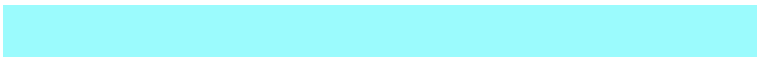
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.4540, -5.6468, -55.6492



213.7470, -6.7773, -66.4301



222.5240, 15.0247, -59.2185



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.



189.5460, 5.6468, 55.6492



179.2530, 6.7773, 66.4301



185.4760, -15.0247, 59.2185



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244

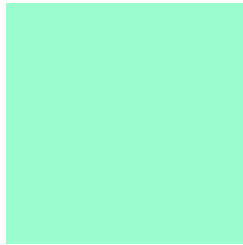


22.5560, 3.6699, 36.3464



# Previews

## White Background



This preview shows how the YUV color 218.4540, -5.6468, -55.6492 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

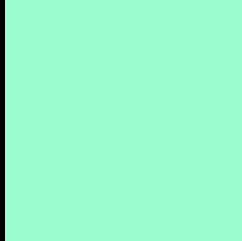
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.4540, -5.6468, -55.6492 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 218.4540, -5.6468, -55.6492 Background



This preview shows how black text looks on a background with the YUV color 218.4540, -5.6468, -55.6492.



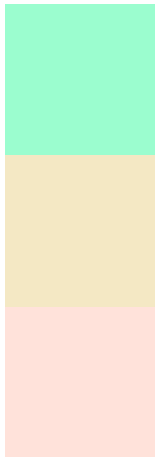
This preview shows how white text looks on a background with the YUV color 218.4540, -5.6468, -55.6492.

-55.6492.

# 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

218.4540, -5.6468, -55.6492

### Protanopia

231.4840, -17.4936, 10.9765

### Deuteranopia

233.7590, -7.7692, 18.6284



## Tritanopia

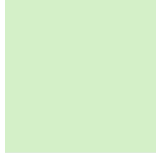
227.6460, 13.4855, -32.1385

# Trichromacy



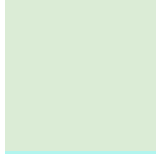
## Original Color

218.4540, -5.6468, -55.6492



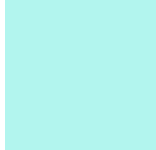
## Protanomaly

227.0680, -13.3445, -13.2146



## Deuteranomaly

228.4090, -7.1036, -8.2517



## Tritanomaly

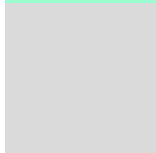
224.1690, 6.8187, -40.4902

# Monochromacy



## Original Color

218.4540, -5.6468, -55.6492



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

218.2980, -2.1189, -20.4323

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.4540, -5.6468, -55.6492 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, 253, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 253, 207)  
}
```

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, 253, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 253, 207) }
```

## Border

The CSS property to change the border of an element to YUV 218.4540, -5.6468, -55.6492 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, 253, 207) }
```



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

```
.border{ border-color:rgb(155, 253, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 253, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 253, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 253, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 253,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 218.4540, -5.6468, -55.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 253, 207) }
```

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

```
.background{ background-color: rgb(155,  
253, 207) }
```

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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