

# Converting Colors

YUV(217.6470, -15.1090,  
-54.0644)

Have a look what the booklet for  
YUV(217.6470, -15.1090, -54.0644)  
contains.

<b>YUV(217.6470, -15.1090, -54.0644)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(217.6470, -15.1090,  
-54.0644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CFFBB
RGB	156, 255, 187
RGB Percent	61%, 100%, 73%
CMY	0.3882, 0.0000, 0.2667
CMYK	0.39, 0.00, 0.27, 0.00
HSL	139°, 100%, 81%
HSV	139°, 39%, 100%
XYZ	58.4399, 82.1758, 59.7951
YIQ	217.6470, -37.1760, -42.1360

# Conversions

## Conversions Part 2

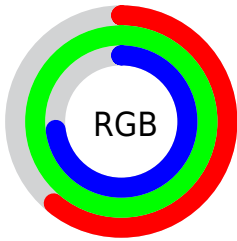
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 231, 255
Decimal	10289083
CIELab	92.65, -43.16, 23.55
CIELCh	93, 49.168, 151.382
Yxy	82.1758, 0.2916, 0.4100
Android (android.graphics.Color)	4288479163 (0xFF9CFFBB)
YUV	217.6470, -15.1090, -54.0644
Hunter-Lab	90.6509, -43.5653, 24.3467

# Details

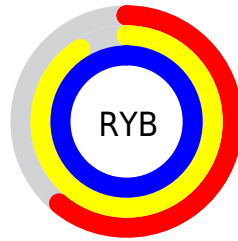
The YUV color **217.6470, -15.1090, -54.0644** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **193.3530, 15.1090, 54.0644**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3730, 0.8021, -24.0061**, and **161.2880, -13.9460, -53.7496** is the 20% darker color. If you saturate the color by 10%, you get **208.1200, -19.2862, -67.6342**, and if you desaturate by 10%, it is **227.4730, -11.0792, -39.8798**.

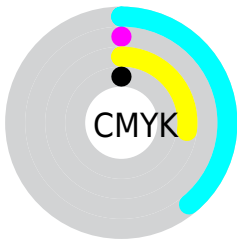
# Distribution



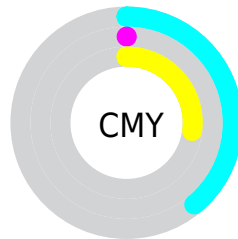
- Red (61%)
- Green (100%)
- Blue (73%)



- Red (61%)
- Yellow (91%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.6470, -15.1090, -54.0644 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 217.6470, -15.1090, -54.0644 by changing the saturation by 10% instead.



■ 217.6470,  
-15.1090, -54.0644

■ 217.6470,  
-15.1090, -54.0644

255.0000, 0.0000,  
0.0000

■ 189.1740,  
-14.3828, -53.6496

■ 241.3730, 0.8021,  
-24.0061

■ 161.2880,  
-13.9460, -53.7496

■ 251.4120, 1.7689,  
-7.3773

■ 133.3310,  
-12.4882, -54.6643

■ 105.3630,  
-11.0250, -57.3234

■ 75.5190, -7.6509,  
-66.2302

■ 57.6350, -10.1731,  
-50.5459

■ 41.0390, -12.8372,

-35.9912

■ 25.8280, -12.7332,  
-22.6512

■ 9.9790, -4.9196,  
-8.7516

■ 217.6470,  
-15.1090, -54.0644

■ 217.6470,  
-15.1090, -54.0644

■ 208.1200,  
-19.2862, -67.6342

■ 227.4730,  
-11.0792, -39.8798

■ 198.4080,  
-22.8791, -81.9188

■ 236.8860, -7.3388,  
-26.2100

■ 188.8810,  
-27.0563, -95.4886

■ 246.7120, -3.3090,  
-12.0254

■ 179.1690,  
-30.6493, -109.7732

255.0000, 0.0000,  
0.0000

■ 169.6420,  
-34.8265, -123.3430

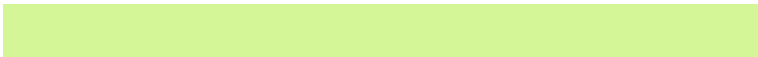
■ 159.9300,  
-38.4195, -137.6276

■ 158.8050,  
-38.8509, -139.2720

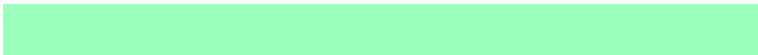
# Harmonies

## Analogous

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



225.3030, -36.6314, -10.7897



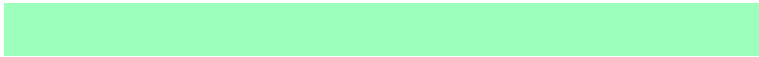
217.6470, -15.1090, -54.0644



202.7870, 15.8810, -100.6682

# Triad

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



217.6470, -15.1090, -54.0644



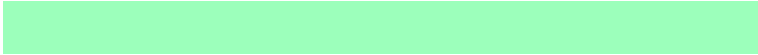
219.0080, 17.7441, -44.7340



215.5500, -14.0751, 34.5977

# Complementary

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



217.6470, -15.1090, -54.0644



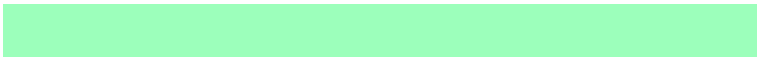
193.3530, 15.1090, 54.0644

# 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.



218.5600, 7.6119, 31.9579



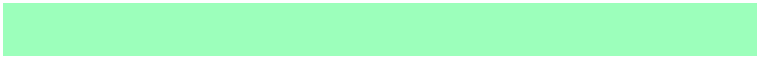
217.6470, -15.1090, -54.0644



231.1550, 11.7556, 9.5111

# Square

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



217.6470, -15.1090, -54.0644



199.4300, 27.3960, -107.3711



225.6500, 14.4696, 25.7400

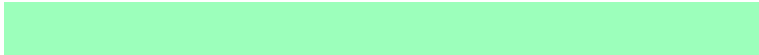


219.7780, -33.4146, 30.8897



# Rectangle

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



217.6470, -15.1090, -54.0644



185.9310, 34.0510, -142.0135



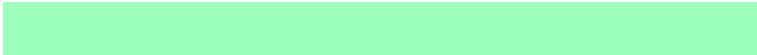
225.6500, 14.4696, 25.7400



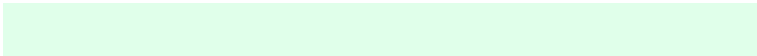
215.4990, -6.6550, 34.6424

# Sweetspot

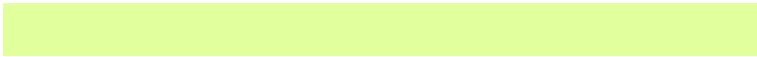
The Sweet Spot groups the original color and five complimentary colors.



217.6470, -15.1090, -54.0644



243.3370, -4.6031, -16.9585



234.7440, -38.8208, -8.5455



121.1360, -3.0250, -9.7663



0.0000, 0.0000, 0.0000

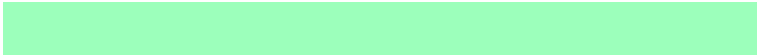


128.0000, 0.0000, 0.0000

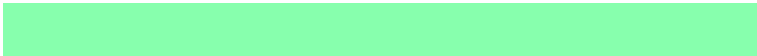


# Same Dimension

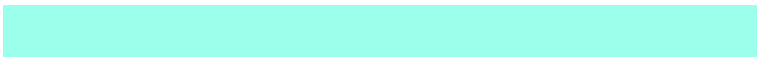
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.6470, -15.1090, -54.0644



209.7720, -18.1286, -65.5750



223.1190, 5.8573, -58.8634



123.0870, -2.0149, -7.0923



118.9570, -29.0658, -104.3253



39.8480, -9.7851, -34.9467



# Inverse Universe

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



193.3530, 15.1090, 54.0644



180.2280, 18.1286, 65.5750



187.8810, -5.8573, 58.8634



119.9130, 2.0149, 7.0923



72.0430, 29.0658, 104.3253

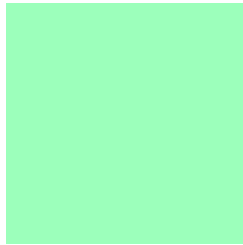


24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 217.6470, -15.1090, -54.0644 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

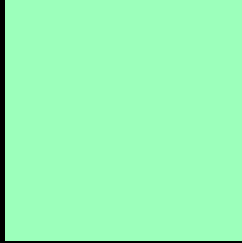
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.6470, -15.1090, -54.0644 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

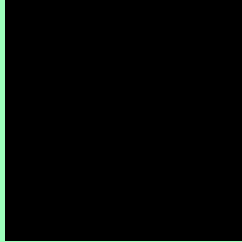
Any Text WCAG AA ✓ Pass

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 217.6470, -15.1090, -54.0644 Background



This preview shows how black text looks on a background with the YUV color 217.6470, -15.1090, -54.0644.



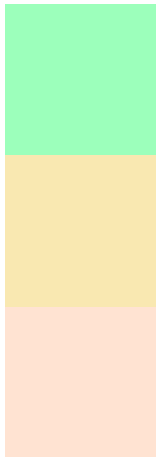
This preview shows how white text looks on a background with the YUV color 217.6470, -15.1090, -54.0644.

-54.0644.

# 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

217.6470, -15.1090, -54.0644

### Protanopia

230.8130, -26.5298, 15.9500

### Deuteranopia

233.4340, -11.5530, 18.9134



## Tritanopia

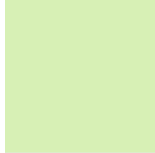
228.5430, 13.0433, -30.2942

# Trichromacy



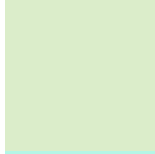
## Original Color

217.6470, -15.1090, -54.0644



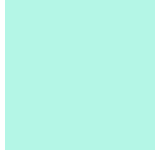
## Protanomaly

225.7990, -22.0859, -9.4707



## Deuteranomaly

227.6280, -12.6346, -7.5668



## Tritanomaly

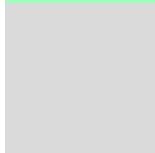
224.4420, 2.7401, -38.9756

# Monochromacy



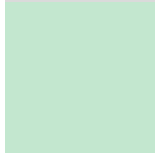
## Original Color

217.6470, -15.1090, -54.0644



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

217.5000, -5.1765, -19.7325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.6470, -15.1090, -54.0644 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(156, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 187)  
}
```

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(156, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 187) }
```

## Border

The CSS property to change the border of an element to YUV 217.6470, -15.1090, -54.0644 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(156, 255, 187) }
```



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

```
.border{ border-color:rgb(156, 255, 187) }
```

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

Here you see how a box with a 4 pixel rgb(156, 255, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 217.6470, -15.1090, -54.0644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 187) }
```

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

```
.background{ background-color: rgb(156,  
255, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor