

# Converting Colors

YUV(223.2590, -6.5367,  
-50.2161)

Have a look what the booklet for  
YUV(223.2590, -6.5367, -50.2161)  
contains.

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# Color

**YUV(223.2590, -6.5367,  
-50.2161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6FFD2
RGB	166, 255, 210
RGB Percent	65%, 100%, 82%
CMY	0.3490, 0.0000, 0.1765
CMYK	0.35, 0.00, 0.18, 0.00
HSL	150°, 100%, 83%
HSV	150°, 35%, 100%
XYZ	63.1187, 84.2801, 73.9138
YIQ	223.2590, -38.5990, -32.8630

# Conversions

## Conversions Part 2

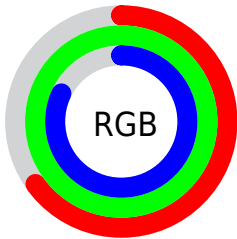
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 226, 255
Decimal	10944466
CIELab	93.57, -36.07, 13.14
CIELCh	94, 38.389, 159.977
Yxy	84.2801, 0.2852, 0.3808
Android (android.graphics.Color)	4289134546 (0xFFA6FFD2)
YUV	223.2590, -6.5367, -50.2161
Hunter-Lab	91.8042, -37.9321, 16.5272

# Details

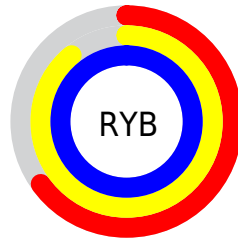
The YUV color  $223.2590, -6.5367, -50.2161$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $197.7410, 6.5367, 50.2161$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.4320, 4.7170, -19.6729$ , and  $167.0850, -5.9579, -49.1865$  is the 20% darker color. If you saturate the color by 10%, you get  $214.3020, -8.5299, -64.2859$ , and if you desaturate by 10%, it is  $232.5150, -4.6909, -35.5317$ .

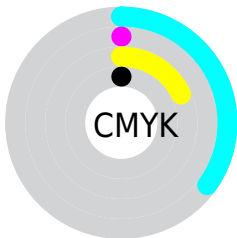
# Distribution



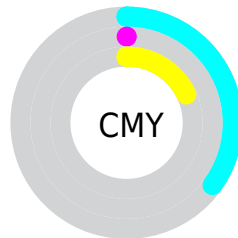
- Red (65%)
- Green (100%)
- Blue (82%)



- Red (65%)
- Yellow (89%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 223.2590, -6.5367, -50.2161 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 223.2590, -6.5367, -50.2161 by changing the saturation by 10% instead.




 223.2590, -6.5367,  
-50.2161


 223.2590, -6.5367,  
-50.2161


255.0000, 0.0000,  
0.0000

 194.6720, -6.2473,  
-49.7013


 245.4320, 4.7170,  
-19.6729


 167.0850, -5.9579,  
-49.1865

 254.4020, 0.2948,  
-1.2296

 139.3130, -5.0843,  
-49.3865

 112.2420, -4.0633,  
-50.2012

 84.3770, -2.1579,  
-54.7046

 60.5020, -1.7265,  
-53.0603

 43.9060, -4.3907,

-38.5056

■ 28.0110, -6.9074,  
-24.5656

■ 12.3270, -6.0772,  
-10.8108

■ 223.2590, -6.5367,  
-50.2161

■ 223.2590, -6.5367,  
-50.2161

■ 214.3020, -8.5299,  
-64.2859

■ 232.5150, -4.6909,  
-35.5317

■ 205.0460,  
-10.3757, -78.9703

■ 241.4720, -2.6977,  
-21.4619

■ 196.0890,  
-12.3689, -93.0401

■ 250.7280, -0.8519,  
-6.7775

■ 186.8330,  
-14.2147, -107.7245

■ 255.0000, 0.0000,  
0.0000

■ 177.6910,  
-15.6237, -122.5090

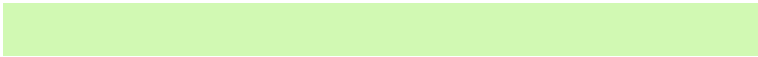
■ 168.7340,  
-17.6169, -136.5787

■ 164.0490,  
-18.7582, -143.8710

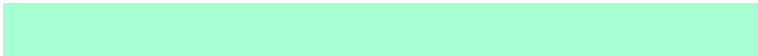
# Harmonies

## Analogous

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



229.0600, -24.6796, -17.5926



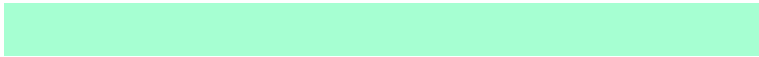
223.2590, -6.5367, -50.2161



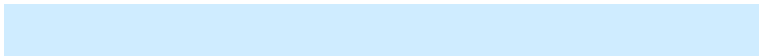
216.5280, 15.5157, -76.7621

# Triad

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



223.2590, -6.5367, -50.2161



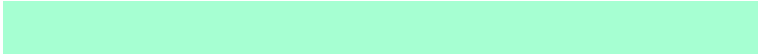
229.4950, 12.5740, -19.7281



223.6370, -16.0900, 27.5054

# Complementary

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



223.2590, -6.5367, -50.2161



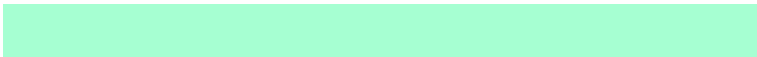
197.7410, 6.5367, 50.2161

# 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.



224.5780, 0.2080, 26.6801



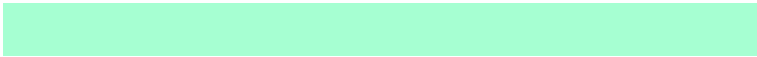
223.2590, -6.5367, -50.2161



236.2160, 9.2605, 16.4736

# Square

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



223.2590, -6.5367, -50.2161



219.8060, 17.3506, -58.5889



229.7590, 12.4438, 22.1364

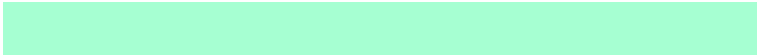


228.0590, -29.6091, 23.6273



# Rectangle

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



223.2590, -6.5367, -50.2161



213.7380, 20.3422, -84.8392



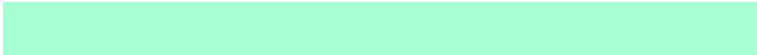
229.7590, 12.4438, 22.1364



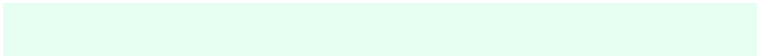
223.6030, -11.1433, 27.5352

# Sweetspot

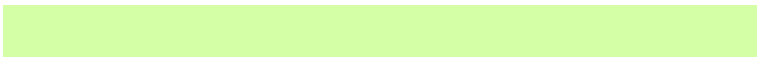
The Sweet Spot groups the original color and five complimentary colors.



223.2590, -6.5367, -50.2161



246.0430, -1.9932, -14.0697



231.9970, -32.5365, -17.5374



122.3040, -1.1359, -9.0366



0.0000, 0.0000, 0.0000

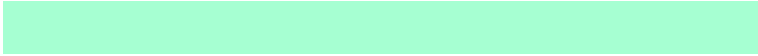


128.0000, 0.0000, 0.0000

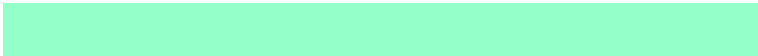


# Same Dimension

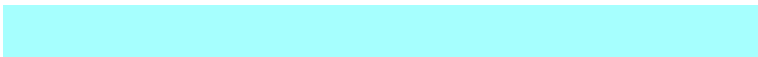
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.2590, -6.5367, -50.2161



216.8510, -7.8145, -60.3823



228.2750, 12.6824, -54.6152



123.3150, -1.1413, -7.2923



122.9470, -13.7779, -107.8245



41.2160, -4.5435, -36.1464



# Inverse Universe

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



197.7410, 6.5367, 50.2161



186.1490, 7.8145, 60.3823



192.7250, -12.6824, 54.6152



119.5710, 0.7045, 7.3922



68.1670, 14.2147, 107.7245

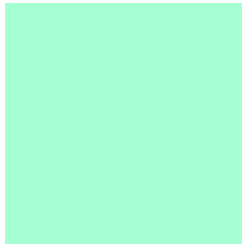


22.7840, 4.5435, 36.1464



# Previews

## White Background



This preview shows how the YUV color 223.2590, -6.5367, -50.2161 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

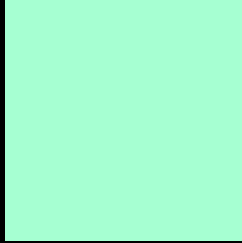
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 223.2590, -6.5367, -50.2161 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 223.2590, -6.5367, -50.2161 Background



This preview shows how black text looks on a background with the YUV color 223.2590, -6.5367, -50.2161.



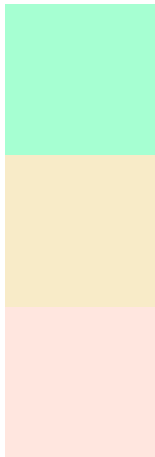
This preview shows how white text looks on a background with the YUV color 223.2590, -6.5367, -50.2161.

-50.2161.

# 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

223.2590, -6.5367, -50.2161

### Protanopia

234.8970, -17.2042, 11.4913

### Deuteranopia

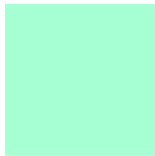
236.6770, -6.7428, 16.0693



## **Tritanopia**

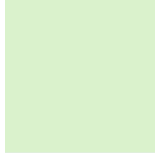
232.4080, 11.1379, -25.7908

# Trichromacy



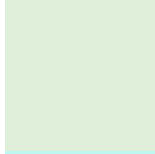
## Original Color

223.2590, -6.5367, -50.2161



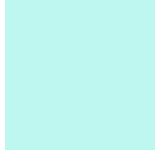
## Protanomaly

230.4920, -13.0606, -10.9555



## Deuteranomaly

231.8220, -6.8142, -7.7369



## Tritanomaly

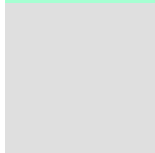
229.0450, 4.9078, -34.2425

# Monochromacy



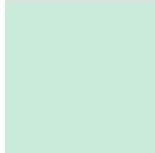
## Original Color

223.2590, -6.5367, -50.2161



## Achromatopsia

223.0000, 0.0000, 0.0000



## Achromatomaly

223.1950, -2.5611, -18.5880

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 223.2590, -6.5367, -50.2161 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(166, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 210)  
}
```

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(166, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 210) }
```

## Border

The CSS property to change the border of an element to YUV 223.2590, -6.5367, -50.2161 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(166, 255, 210) }
```



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

```
.border{ border-color:rgb(166, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(166, 255,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 223.2590, -6.5367, -50.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 210) }
```

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

```
.background{ background-color: rgb(166,  
255, 210) }
```

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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