

# Converting Colors

YUV(224.5930, 3.6517,  
-51.3861)

Have a look what the booklet for  
YUV(224.5930, 3.6517, -51.3861)  
contains.

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# Color

**YUV(224.5930, 3.6517,  
-51.3861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6FDE8
RGB	166, 253, 232
RGB Percent	65%, 99%, 91%
CMY	0.3490, 0.0078, 0.0902
CMYK	0.34, 0.00, 0.08, 0.01
HSL	166°, 96%, 82%
HSV	166°, 34%, 99%
XYZ	65.4167, 84.1837, 89.1452
YIQ	224.5930, -45.1110, -24.9750

# Conversions

## Conversions Part 2

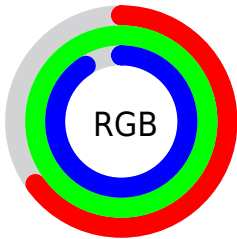
Format	Color
R <sub>Y</sub> B	166, 215, 253
Decimal	10943976
CIE Lab	93.53, -30.66, 1.74
CIE LCh	94, 30.708, 176.744
Yxy	84.1837, 0.2740, 0.3526
Android (android.graphics.Color)	4289134056 (0xFFA6FDE8)
YUV	224.5930, 3.6517, -51.3861
Hunter-Lab	91.7517, -33.2995, 6.6205

# Details

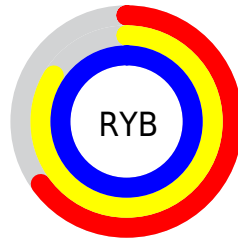
The YUV color **224.5930, 3.6517, -51.3861** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **194.4070, -3.6517, 51.3861**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **168.0060, 3.9410, -50.8713** is the 20% darker color. If you saturate the color by 10%, you get **216.4340, 4.7160, -66.1556**, and if you desaturate by 10%, it is **232.7520, 2.5873, -36.6165**.

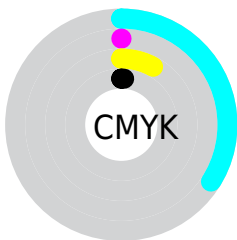
# Distribution



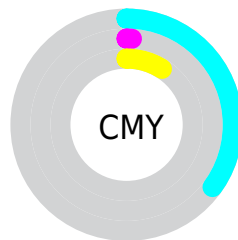
- Red (65%)
- Green (99%)
- Blue (91%)



- Red (65%)
- Yellow (84%)
- Blue (99%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)




- Cyan (35%)
- Magenta (1%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 224.5930, 3.6517, -51.3861 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 224.5930, 3.6517, -51.3861 by changing the saturation by 10% instead.



 224.5930, 3.6517,  
-51.3861


 224.5930, 3.6517,  
-51.3861


255.0000, 0.0000,  
0.0000

 196.0060, 3.9410,  
-50.8713

 245.4320, 4.7170,  
-19.6729


 168.0060, 3.9410,  
-50.8713

 254.4020, 0.2948,  
-1.2296

 141.1200, 4.3778,  
-50.9712

 113.6360, 5.1095,  
-52.3008

 85.0590, 6.8729,  
-57.9337

 61.9670, 6.4253,  
-54.3451

 45.3710, 3.7611,

-39.7904

■ 29.4760, 1.2443,  
-25.8505

■ 13.2390, -2.5828,  
-11.6106

■ 224.5930, 3.6517,  
-51.3861

■ 224.5930, 3.6517,  
-51.3861

■ 216.4340, 4.7160,  
-66.1556

■ 232.7520, 2.5873,  
-36.6165

■ 207.9760, 5.9278,  
-81.5400

■ 241.2100, 1.3755,  
-21.2322

■ 199.8170, 6.9922,  
-96.3095

■ 249.3690, 0.3111,  
-6.4626

■ 191.6580, 8.0566,  
-111.0791

■ 253.8260, 0.5788,  
1.0296

■ 183.3850, 8.6842,  
-125.7486

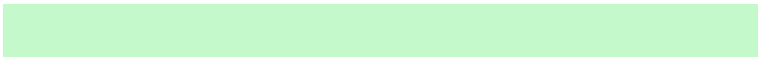
■ 174.9270, 9.8960,  
-141.1330

■ 170.3990, 10.6493,  
-149.4399

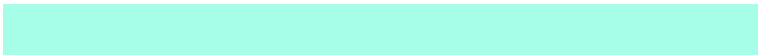
# Harmonies

## Analogous

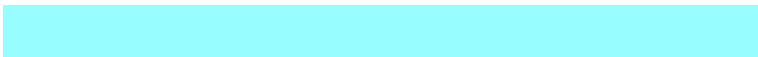
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.4960, -12.5695, -28.4990



224.5930, 3.6517, -51.3861



222.7300, 15.9091, -62.9072

# Triad

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



224.5930, 3.6517, -51.3861



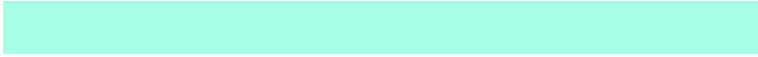
234.9430, 9.8881, 1.8040



229.1650, -20.2943, 22.6573

# Complementary

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



224.5930, 3.6517, -51.3861



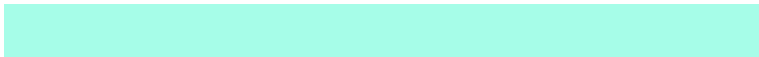
194.4070, -3.6517, 51.3861

# 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.



227.6780, -8.2223, 23.9614



224.5930, 3.6517, -51.3861



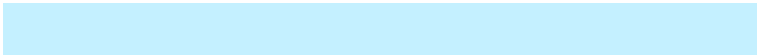
235.0420, 9.8393, 17.5032

# Square

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



224.5930, 3.6517, -51.3861



228.5540, 13.0379, -28.5499



229.9240, 5.4605, 21.9917

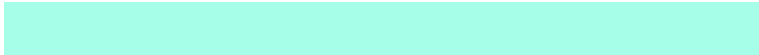


233.3080, -27.2668, 19.0239



# Rectangle

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



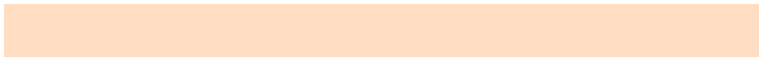
224.5930, 3.6517, -51.3861



222.1650, 16.1877, -58.9037



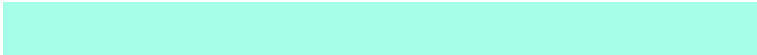
229.9240, 5.4605, 21.9917



228.2020, -16.3686, 23.5018

# Sweetspot

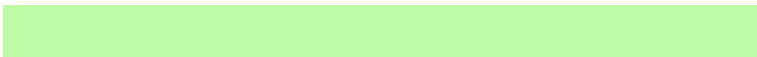
The Sweet Spot groups the original color and five complimentary colors.



224.5930, 3.6517, -51.3861



246.8410, 1.0644, -14.7696



223.6470, -28.4200, -31.2624



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000

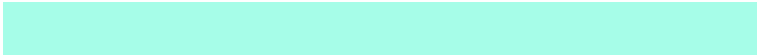


128.0000, 0.0000, 0.0000

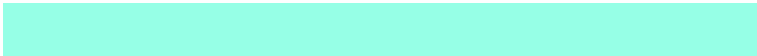


# Same Dimension

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



224.5930, 3.6517, -51.3861



220.7550, 4.5578, -62.0521



214.0730, 19.1910, -42.1600



123.6570, 0.1691, -7.5922



128.6470, 8.0620, -112.8234



43.0400, 2.4453, -37.7461



# Inverse Universe

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



194.4070, -3.6517, 51.3861



184.3590, -4.1210, 61.9522



204.9270, -19.1910, 42.1600



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234

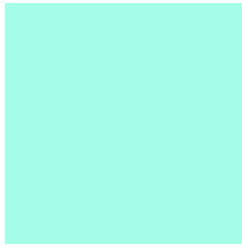


20.8460, -2.8821, 37.8461



# Previews

## White Background



This preview shows how the YUV color 224.5930, 3.6517, -51.3861 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

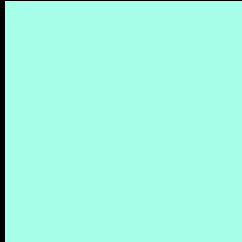
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.5930, 3.6517, -51.3861 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

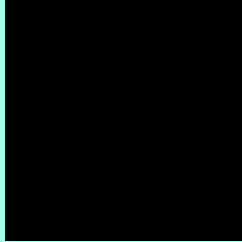
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

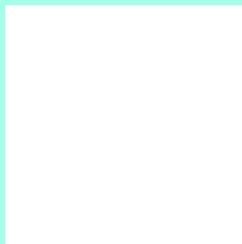
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 224.5930, 3.6517, -51.3861 Background



This preview shows how black text looks on a background with the YUV color 224.5930, 3.6517, -51.3861.



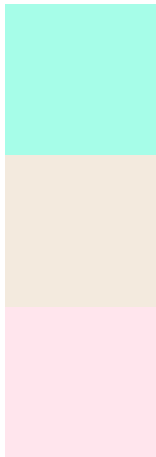
This preview shows how white text looks on a background with the YUV color 224.5930, 3.6517,

-51.3861.

# 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

224.5930, 3.6517, -51.3861

### Protanopia

235.3230, -6.5682, 6.7327

### Deuteranopia

237.6860, -0.3382, 15.1844



## Tritanopia

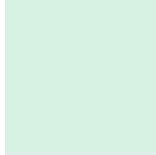
232.1090, 11.2853, -26.4056

# Trichromacy



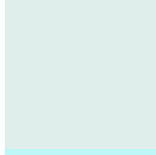
## Original Color

224.5930, 3.6517, -51.3861



## Protanomaly

231.5160, -2.7194, -14.4845



## Deuteranomaly

233.1730, 0.9007, -8.9217



## Tritanomaly

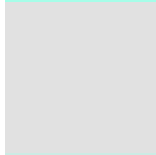
229.6580, 8.5496, -35.6571

# Monochromacy



## Original Color

224.5930, 3.6517, -51.3861



## Achromatopsia

225.0000, 0.0000, 0.0000



## Achromatomaly

224.9330, 1.5120, -18.3582

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.5930, 3.6517, -51.3861 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, 253, 232)` looks like.

```
.text, #text, p{  
    color:rgb(166, 253, 232)  
}
```

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, 253, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 253, 232) }
```

## Border

The CSS property to change the border of an element to YUV 224.5930, 3.6517, -51.3861 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, 253, 232) }
```



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

```
.border{ border-color:rgb(166, 253, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 253, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 253, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 253, 232); box-shadow:4px 4px 4px 4px rgb(166, 253, 232) }
```

# Background

The CSS property to change the background color of an element to YUV 224.5930, 3.6517, -51.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 253, 232) }
```

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

```
.background{ background-color: rgb(166,  
253, 232) }
```

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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