

# Converting Colors

YUV(225.4510, 5.6937,  
-53.0155)

Have a look what the booklet for  
YUV(225.4510, 5.6937, -53.0155)  
contains.

<b>YUV(225.4510, 5.6937, -53.0155)</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(225.4510, 5.6937,  
-53.0155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5FEED
RGB	165, 254, 237
RGB Percent	65%, 100%, 93%
CMY	0.3529, 0.0039, 0.0706
CMYK	0.35, 0.00, 0.07, 0.00
HSL	169°, 98%, 82%
HSV	169°, 35%, 100%
XYZ	66.2449, 84.9974, 93.0354
YIQ	225.4510, -47.5870, -24.1550

# Conversions

## Conversions Part 2

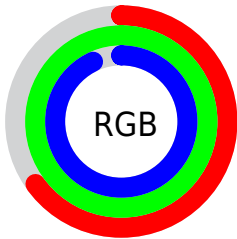
Format	Color
<a href="#">RYB</a>	<a href="#">165, 214, 254</a>
Decimal	<a href="#">10878701</a>
CIELab	<a href="#">93.88, -30.32, -0.33</a>
CIELCh	<a href="#">94, 30.321, 180.628</a>
Yxy	<a href="#">84.9974, 0.2712, 0.3480</a>
Android (android.graphics.Color)	<a href="#">4289068781 (0xFFA5FEED)</a>
YUV	<a href="#">225.4510, 5.6937, -53.0155</a>
Hunter-Lab	<a href="#">92.1940, -33.0805, 4.7047</a>

# Details

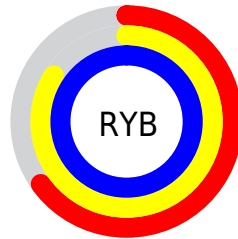
The YUV color **225.4510, 5.6937, -53.0155** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **193.5490, -5.6937, 53.0155**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **168.8640, 5.9830, -52.5007** is the 20% darker color. If you saturate the color by 10%, you get **217.4060, 7.1948, -67.8851**, and if you desaturate by 10%, it is **233.4960, 4.1925, -38.1460**.

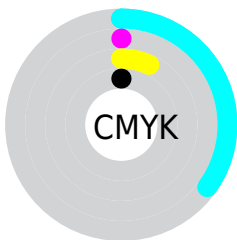
# Distribution



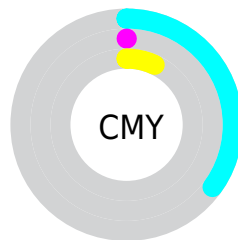
- Red (65%)
- Green (100%)
- Blue (93%)



- Red (65%)
- Yellow (84%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (35%)
- Magenta (0%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 225.4510, 5.6937, -53.0155 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 225.4510, 5.6937, -53.0155 by changing the saturation by 10% instead.




 225.4510, 5.6937,  
-53.0155


 225.4510, 5.6937,  
-53.0155

255.0000, 0.0000,  
0.0000


 196.8640, 5.9830,  
-52.5007


 245.4320, 4.7170,  
-19.6729


 168.8640, 5.9830,  
-52.5007

 254.1030, 0.4422,  
-1.8443

 140.9780, 6.4198,  
-52.6007

 114.0810, 6.8621,  
-54.4450

 84.6070, 9.0677,  
-61.9223

 63.0100, 7.8831,  
-55.2598

 46.4140, 5.2189,

-40.7051

■ 30.4050, 2.2653,  
-26.6652

■ 14.5100, -0.2514,  
-12.7253

■ 225.4510, 5.6937,  
-53.0155

■ 225.4510, 5.6937,  
-53.0155

■ 217.4060, 7.1948,  
-67.8851

■ 233.4960, 4.1925,  
-38.1460

■ 209.0620, 8.8434,  
-83.3694

■ 241.8400, 2.5439,  
-22.6617

■ 201.0170, 10.3446,  
-98.2389

■ 249.8850, 1.0427,  
-7.7921

■ 192.7870, 12.4300,  
-113.8232

■ 254.4130, 0.2894,  
0.5148

■ 184.7420, 13.9312,  
-128.6927

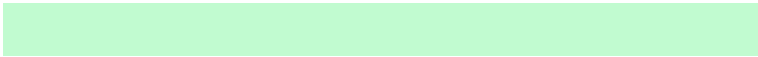
■ 176.6970, 15.4324,  
-143.5623

■ 172.4680, 16.0383,  
-151.2544

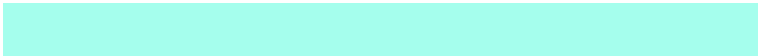
# Harmonies

## Analogous

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



228.7560, -10.2327, -31.3580



225.4510, 5.6937, -53.0155



223.3280, 15.6143, -61.6777

# Triad

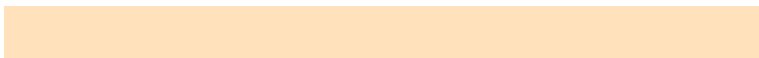
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.4510, 5.6937, -53.0155



236.7370, 9.0037, 5.4927



230.2250, -21.3099, 21.7277

# Complementary

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



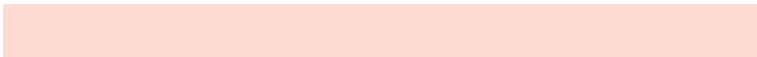
225.4510, 5.6937, -53.0155



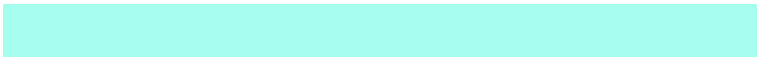
193.5490, -5.6937, 53.0155

# 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.



228.6240, -9.6746, 23.1318



225.4510, 5.6937, -53.0155



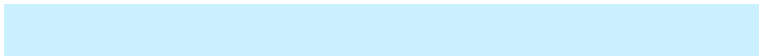
235.0420, 9.8393, 17.5032

# Square

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



225.4510, 5.6937, -53.0155



230.6470, 12.0060, -24.2464



230.1690, 3.8607, 21.7768

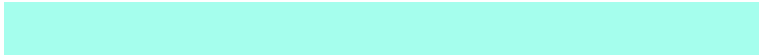


235.1830, -27.6982, 17.3795



# Rectangle

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



225.4510, 5.6937, -53.0155



223.6600, 15.4506, -55.8298



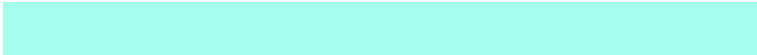
230.1690, 3.8607, 21.7768



229.1480, -17.8210, 22.6722

# Sweetspot

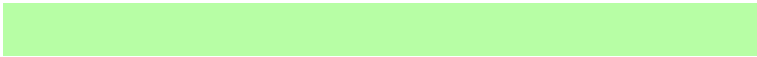
The Sweet Spot groups the original color and five complimentary colors.



225.4510, 5.6937, -53.0155



246.0580, 1.9434, -16.7139



222.6250, -28.4091, -34.7511



122.4610, 0.7587, -10.0513



0.0000, 0.0000, 0.0000

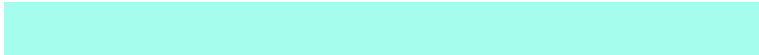


128.0000, 0.0000, 0.0000

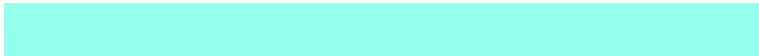


# Same Dimension

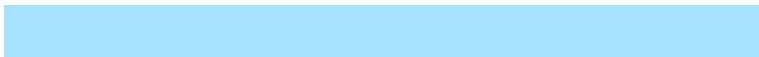
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.4510, 5.6937, -53.0155



220.7270, 7.0366, -63.7816



211.5400, 20.9328, -40.8156



123.7710, 0.6059, -7.6922



129.7870, 12.4300, -113.8232



43.4960, 4.1925, -38.1460



# Inverse Universe

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



193.5490, -5.6937, 53.0155



182.2730, -7.0366, 63.7816



207.4600, -20.9328, 40.8156



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232

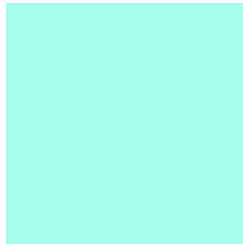


20.5040, -4.1925, 38.1460



# Previews

## White Background



This preview shows how the YUV color 225.4510, 5.6937, -53.0155 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

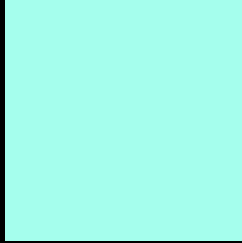
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.4510, 5.6937, -53.0155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

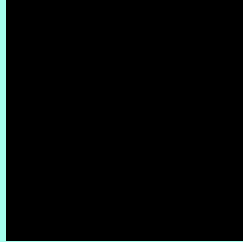
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 225.4510, 5.6937, -53.0155

## Background



This preview shows how black text looks on a background with the YUV color 225.4510, 5.6937, -53.0155.



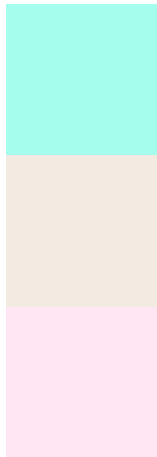
This preview shows how white text looks on a background with the YUV color 225.4510, 5.6937, -53.0155.

-53.0155.

# 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

225.4510, 5.6937, -53.0155

### Protanopia

236.3660, -5.1104, 5.8180

### Deuteranopia

238.8430, 1.5564, 14.1697



## Tritanopia

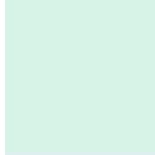
233.5930, 10.5537, -25.0761

# Trichromacy



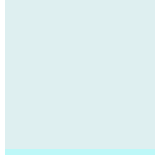
## Original Color

225.4510, 5.6937, -53.0155



## Protanomaly

232.5590, -1.2616, -15.3992



## Deuteranomaly

234.0310, 2.9427, -10.5512



## Tritanomaly

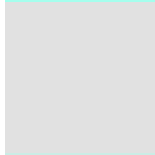
230.6580, 8.5496, -35.6571

# Monochromacy



## Original Color

225.4510, 5.6937, -53.0155



## Achromatopsia

225.0000, 0.0000, 0.0000



## Achromatomaly

225.3350, 1.8068, -19.5878

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.4510, 5.6937, -53.0155 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(165, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(165, 254, 237)  
}
```

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(165, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 254, 237) }
```

## Border

The CSS property to change the border of an element to YUV 225.4510, 5.6937, -53.0155 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(165, 254, 237) }
```



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

```
.border{ border-color:rgb(165, 254, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 254, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(165, 254,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 225.4510, 5.6937, -53.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 254, 237) }
```

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

```
.background{ background-color: rgb(165,  
254, 237) }
```

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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