

# Converting Colors

YUV(219.9130, 4.9729,  
-55.1747)

Have a look what the booklet for  
YUV(219.9130, 4.9729, -55.1747)  
contains.

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# Color

**YUV(219.9130, 4.9729,  
-55.1747)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DFAE6
RGB	157, 250, 230
RGB Percent	62%, 98%, 90%
CMY	0.3843, 0.0196, 0.0980
CMYK	0.37, 0.00, 0.08, 0.02
HSL	167°, 90%, 80%
HSV	167°, 37%, 98%
XYZ	62.3732, 81.2525, 87.2588
YIQ	219.9130, -49.0080, -25.9360

# Conversions

## Conversions Part 2

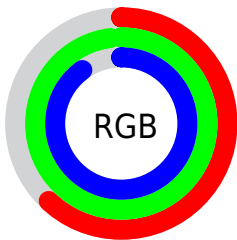
Format	Color
<b>RYB</b>	157, 209, 250
Decimal	10353382
CIELab	92.24, -32.07, 0.86
CIELCh	92, 32.080, 178.472
Yxy	81.2525, 0.2701, 0.3519
Android (android.graphics.Color)	4288543462 (0xFF9DFAE6)
YUV	219.9130, 4.9729, -55.1747
Hunter-Lab	90.1402, -34.2309, 5.7033

# Details

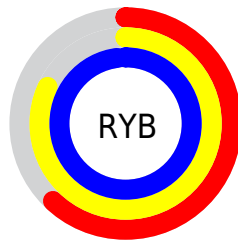
The YUV color **219.9130, 4.9729, -55.1747** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **187.0870, -4.9729, 55.1747**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **163.4400, 5.6991, -54.7599** is the 20% darker color. If you saturate the color by 10%, you get **211.8680, 6.4741, -70.0442**, and if you desaturate by 10%, it is **227.9580, 3.4717, -40.3052**.

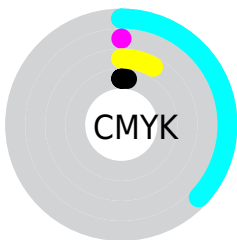
# Distribution



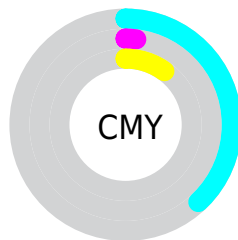
- Red (62%)
- Green (98%)
- Blue (90%)



- Red (62%)
- Yellow (82%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.9130, 4.9729, -55.1747 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 219.9130, 4.9729, -55.1747 by changing the saturation by 10% instead.



219.9130, 4.9729,  
-55.1747

219.9130, 4.9729,  
-55.1747

255.0000, 0.0000,  
0.0000

191.3260, 5.2623,  
-54.6599

243.0400, 5.8963,  
-24.5911

163.4400, 5.6991,  
-54.7599

251.7110, 1.6215,  
-6.7625

135.8420, 5.9939,  
-55.9894

107.7600, 7.0203,  
-58.5485

77.3890, 9.6682,  
-67.8702

60.0920, 6.8566,  
-52.7007

43.3820, 3.7557,

-38.0460

■ 28.0740, 0.9495,  
-24.6209

■ 9.4890, -1.7201,  
-8.3219

■ 219.9130, 4.9729,  
-55.1747

■ 219.9130, 4.9729,  
-55.1747

■ 211.8680, 6.4741,  
-70.0442

■ 227.9580, 3.4717,  
-40.3052

■ 203.7090, 7.5385,  
-84.8138

■ 236.1170, 2.4073,  
-25.5356

■ 195.6640, 9.0396,  
-99.6833

■ 244.1620, 0.9061,  
-10.6661

■ 187.5050, 10.1040,  
-114.4529

■ 251.7230, 0.1366,  
2.8739

■ 179.4600, 11.6052,  
-129.3224

■ 252.0650, 1.4470,  
2.5740

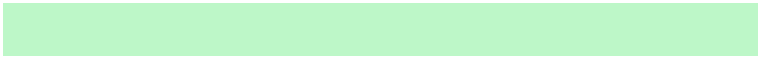
■ 171.4150, 13.1064,  
-144.1920

■ 169.0940, 13.2647,  
-148.2954

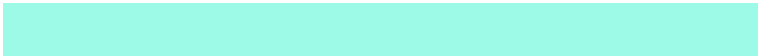
# Harmonies

## Analogous

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



224.3000, -11.9799, -30.9581



219.9130, 4.9729, -55.1747



217.3920, 18.5407, -66.9958

# Triad

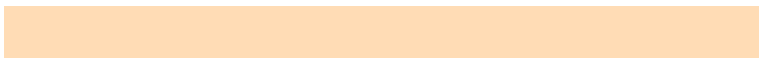
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.9130, 4.9729, -55.1747



231.7090, 11.4825, 3.7632



226.0190, -22.1944, 25.4163

# Complementary

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



219.9130, 4.9729, -55.1747



187.0870, -4.9729, 55.1747

# 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.



224.0590, -9.3961, 27.1353



219.9130, 4.9729, -55.1747



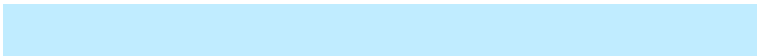
232.1070, 11.2862, 20.0772

# Square

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



219.9130, 4.9729, -55.1747



225.0100, 14.7851, -28.9498



227.0060, 4.4340, 24.5507

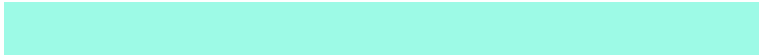


230.7490, -29.4563, 21.2681



# Rectangle

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



219.9130, 4.9729, -55.1747



218.0120, 18.2351, -62.2775



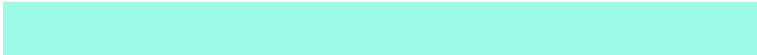
227.0060, 4.4340, 24.5507



225.0560, -18.2686, 26.2609

# Sweetspot

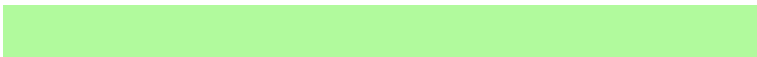
The Sweet Spot groups the original color and five complimentary colors.



219.9130, 4.9729, -55.1747



245.9440, 1.5066, -16.6139



217.5710, -29.8615, -35.5808



122.4610, 0.7587, -10.0513



0.0000, 0.0000, 0.0000

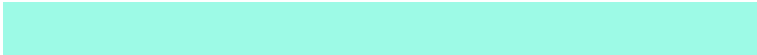


128.0000, 0.0000, 0.0000

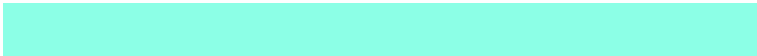


# Same Dimension

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



219.9130, 4.9729, -55.1747



217.7650, 6.0319, -68.1999



206.9310, 21.2330, -43.7895



120.7710, 0.6059, -7.6922



127.8150, 9.9512, -112.0938



41.2790, 3.3135, -36.2017



# Inverse Universe

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



187.0870, -4.9729, 55.1747



177.2350, -6.0319, 68.1999



200.0690, -21.2330, 43.7895



116.2290, -0.6059, 7.6922



61.1850, -9.9512, 112.0938

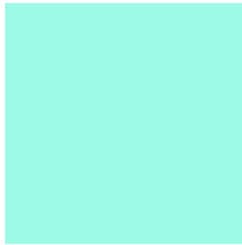


19.7210, -3.3135, 36.2017



# Previews

## White Background



This preview shows how the YUV color 219.9130, 4.9729, -55.1747 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

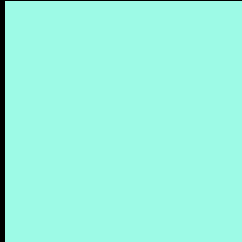
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.9130, 4.9729, -55.1747 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

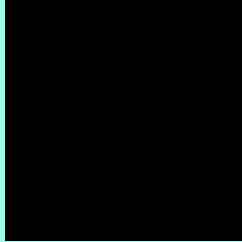
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

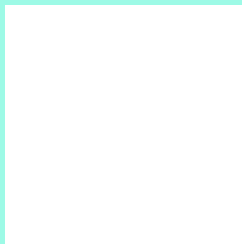
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 219.9130, 4.9729, -55.1747

## Background



This preview shows how black text looks on a background with the YUV color 219.9130, 4.9729, -55.1747.



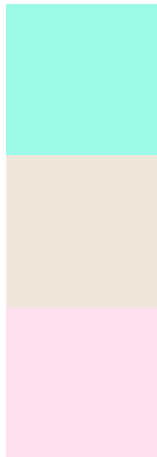
This preview shows how white text looks on a background with the YUV color 219.9130, 4.9729, -55.1747.

-55.1747.

# 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

219.9130, 4.9729, -55.1747

### Protanopia

232.0240, -6.4208, 6.1180

### Deuteranopia

233.6260, 0.6774, 16.1140



## Tritanopia

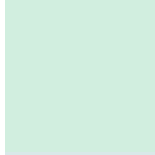
227.0480, 13.7803, -33.3681

# Trichromacy



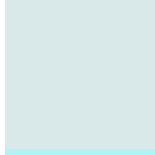
## Original Color

219.9130, 4.9729, -55.1747



## Protanomaly

227.6190, -2.2772, -16.3289



## Deuteranomaly

228.2160, 2.3585, -9.8364



## Tritanomaly

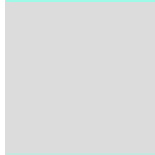
224.1950, 10.7499, -41.3900

# Monochromacy



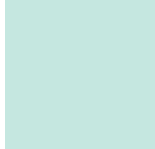
## Original Color

219.9130, 4.9729, -55.1747



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

220.0360, 1.9543, -20.2026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.9130, 4.9729, -55.1747 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(157, 250, 230)` looks like.

```
.text, #text, p{  
    color:rgb(157, 250, 230)  
}
```

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(157, 250, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 250, 230) }
```

## Border

The CSS property to change the border of an element to YUV 219.9130, 4.9729, -55.1747 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(157, 250, 230) }
```



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

```
.border{ border-color:rgb(157, 250, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 250, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 250, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 250, 230);  
box-shadow:4px 4px 4px 4px rgb(157, 250,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 219.9130, 4.9729, -55.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 250, 230) }
```

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

```
.background{ background-color: rgb(157,  
250, 230) }
```

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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