

# Converting Colors

YUV(215.4970, 19.4750,  
-39.9009)

Have a look what the booklet for  
YUV(215.4970, 19.4750, -39.9009)  
contains.

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# Color

**YUV(215.4970, 19.4750,  
-39.9009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE7FF
RGB	170, 231, 255
RGB Percent	67%, 91%, 100%
CMY	0.3333, 0.0941, 0.0000
CMYK	0.33, 0.09, 0.00, 0.00
HSL	197°, 100%, 83%
HSV	197°, 33%, 100%
XYZ	63.2035, 72.9179, 105.3511
YIQ	215.4970, -44.0600, -5.4680

# Conversions

## Conversions Part 2

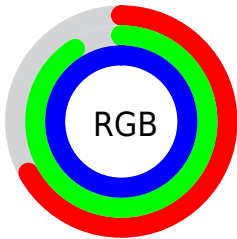
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 206, 255
Decimal	11200511
CIE <sub>Lab</sub>	88.41, -13.62, -17.80
CIE <sub>LCh</sub>	88, 22.411, 232.582
Yxy	72.9179, 0.2617, 0.3020
Android (android.graphics.Color)	4289390591 (0xFFAAE7FF)
YUV	215.4970, 19.4750, -39.9009
Hunter-Lab	85.3920, -17.3179, -13.3738

# Details

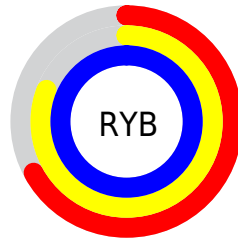
The YUV color **215.4970, 19.4750, -39.9009** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **209.5030, -19.4750, 39.9009**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, 4.1274, -17.2138**, and **159.6820, 18.8908, -39.1861** is the 20% darker color. If you saturate the color by 10%, you get **203.9130, 25.1859, -51.6667**, and if you desaturate by 10%, it is **227.0810, 13.7641, -28.1350**.

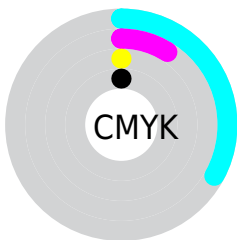
# Distribution



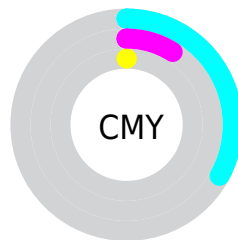
- Red (67%)
- Green (91%)
- Blue (100%)



- Red (67%)
- Yellow (81%)
- Blue (100%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.4970, 19.4750, -39.9009 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 215.4970, 19.4750, -39.9009 by changing the saturation by 10% instead.



■ 215.4970, 19.4750,  
-39.9009

■ 215.4970, 19.4750,  
-39.9009

255.0000, 0.0000,  
0.0000

■ 187.3830, 19.0382,  
-39.8009

■ 246.6280, 4.1274,  
-17.2138

■ 159.6820, 18.8908,  
-39.1861

■ 132.9700, 18.7488,  
-40.3157

■ 106.5570, 18.4594,  
-40.8305

■ 80.0620, 19.1964,  
-43.9044

■ 54.1540, 19.6441,  
-47.4931

■ 37.9170, 15.8169,

-33.2532

■ 23.0820, 12.2846,  
-20.2429

■ 3.6650, 11.5042,  
-3.2142

■ 215.4970, 19.4750,  
-39.9009

■ 215.4970, 19.4750,  
-39.9009

■ 203.9130, 25.1859,  
-51.6667

■ 227.0810, 13.7641,  
-28.1350

■ 192.0300, 31.0442,  
-64.0473

■ 238.9640, 7.9057,  
-15.7544

■ 179.8590, 37.0445,  
-75.2983

■ 251.4340, 1.7580,  
-3.8886

■ 167.9760, 42.9028,  
-87.6790

■ 255.0000, 0.0000,  
0.0000

■ 156.0930, 48.7612,  
-100.0596

■ 144.5090, 54.4721,  
-111.8254

■ 136.4910, 58.4249,  
-119.7026

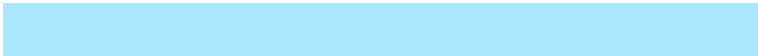
# Harmonies

## Analogous

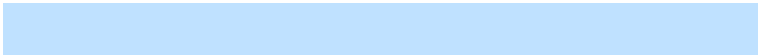
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.7110, 11.4815, -42.7195



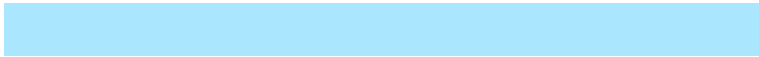
215.4970, 19.4750, -39.9009



218.2540, 18.1158, -23.9018

# Triad

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



215.4970, 19.4750, -39.9009



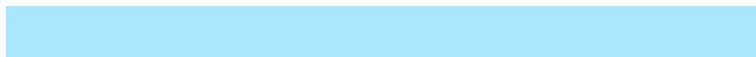
223.7460, 2.0972, 27.4098



219.4890, -18.4821, 1.3251

# Complementary

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



215.4970, 19.4750, -39.9009



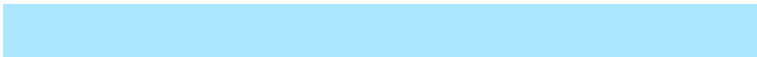
209.5030, -19.4750, 39.9009

# 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.



222.0290, -20.7203, 19.2686



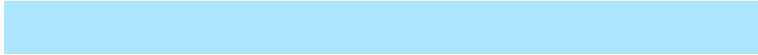
215.4970, 19.4750, -39.9009



221.8250, -7.8017, 29.0945

# Square

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



215.4970, 19.4750, -39.9009



225.3840, 11.1497, 17.2032



222.2350, -16.3849, 28.7349

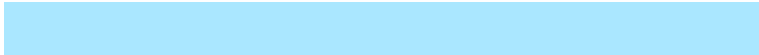


216.7300, -10.7129, -17.3032



# Rectangle

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



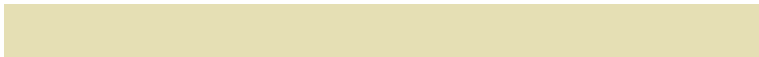
215.4970, 19.4750, -39.9009



221.2880, 16.6200, -10.7766



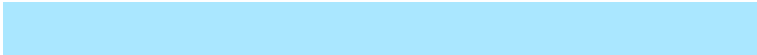
222.2350, -16.3849, 28.7349



219.8920, -19.6668, 7.9877

# Sweetspot

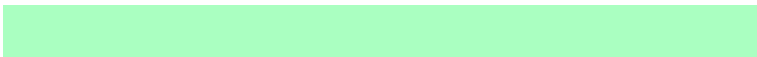
The Sweet Spot groups the original color and five complimentary colors.



215.4970, 19.4750, -39.9009



243.4160, 5.7109, -11.7658



222.5170, -14.5519, -46.0574



120.2810, 3.8055, -7.2624



0.0000, 0.0000, 0.0000

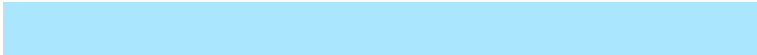


128.0000, 0.0000, 0.0000

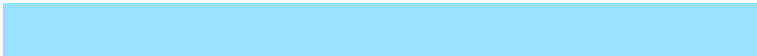


# Same Dimension

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



215.4970, 19.4750, -39.9009



207.4790, 23.4279, -47.7781



191.4300, 31.3400, -18.7941



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793



# Inverse Universe

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



202.3690, 14.1151, 46.1574



191.8200, 16.8507, 55.4089



233.5700, -31.3400, 18.7941



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254

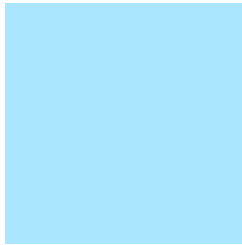


24.3800, 10.6587, 34.7467



# Previews

## White Background



This preview shows how the YUV color 215.4970, 19.4750, -39.9009 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

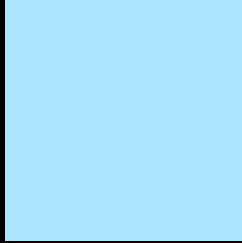
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.4970, 19.4750, -39.9009 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 215.4970, 19.4750, -39.9009

## Background



This preview shows how black text looks on a background with the YUV color 215.4970, 19.4750, -39.9009.



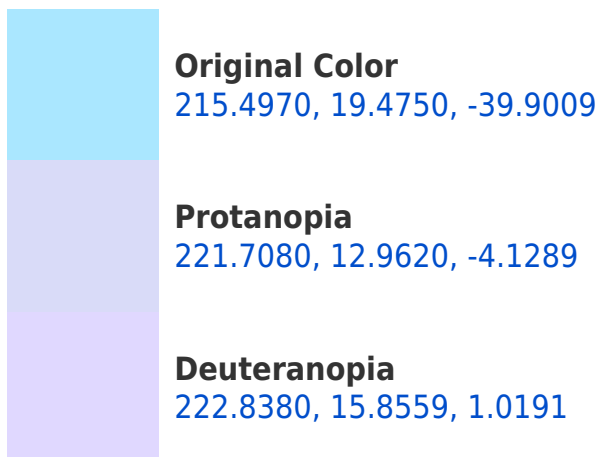
This preview shows how white text looks on a background with the YUV color 215.4970, 19.4750,

-39.9009.

# 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

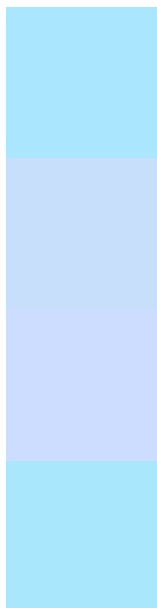




## Tritanopia

215.2150, 17.1490, -40.5306

# Trichromacy



## Original Color

215.4970, 19.4750, -39.9009

## Protanomaly

219.3150, 15.6207, -16.9393

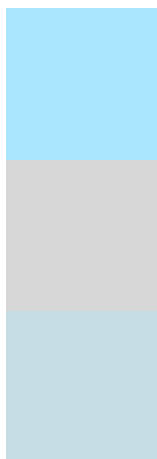
## Deuteranomaly

219.7930, 17.3571, -13.8505

## Tritanomaly

215.4430, 18.0226, -40.7305

# Monochromacy



## Original Color

215.4970, 19.4750, -39.9009

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

215.4480, 7.1741, -14.4249

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.4970, 19.4750, -39.9009 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(170, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 231, 255)  
}
```

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(170, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 231, 255) }
```

## Border

The CSS property to change the border of an element to YUV 215.4970, 19.4750, -39.9009 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(170, 231, 255) }
```



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

```
.border{ border-color:rgb(170, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(170, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 215.4970, 19.4750, -39.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 231, 255) }
```

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

```
.background{ background-color: rgb(170,  
231, 255) }
```

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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