

# Converting Colors

YUV(219.6170, 17.4438,  
-41.7601)

Have a look what the booklet for  
YUV(219.6170, 17.4438, -41.7601)  
contains.

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# Color

**YUV(219.6170, 17.4438,  
-41.7601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACEDFF
RGB	172, 237, 255
RGB Percent	67%, 93%, 100%
CMY	0.3255, 0.0706, 0.0000
CMYK	0.33, 0.07, 0.00, 0.00
HSL	193°, 100%, 84%
HSV	193°, 33%, 100%
XYZ	65.3474, 76.5590, 105.9409
YIQ	219.6170, -44.5180, -8.1820

# Conversions

## Conversions Part 2

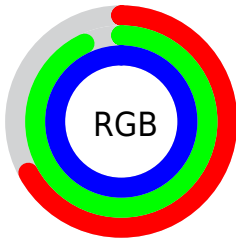
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 208, 255
Decimal	11333119
CIELab	90.12, -16.11, -15.22
CIELCh	90, 22.160, 223.378
Yxy	76.5590, 0.2637, 0.3089
Android (android.graphics.Color)	4289523199 (0xFFACEDFF)
YUV	219.6170, 17.4438, -41.7601
Hunter-Lab	87.4980, -19.8097, -10.5386

# Details

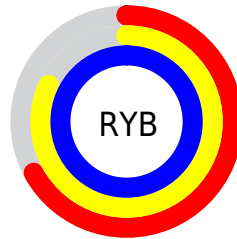
The YUV color  $219.6170, 17.4438, -41.7601$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $207.3830, -17.4438, 41.7601$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2260, 3.8326, -15.9842$ , and  $163.8020, 16.8596, -41.0454$  is the 20% darker color. If you saturate the color by 10%, you get  $208.6200, 22.8653, -54.0407$ , and if you desaturate by 10%, it is  $230.9130, 11.8749, -28.8647$ .

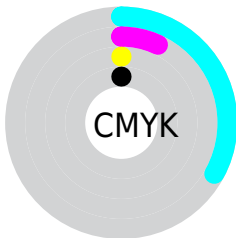
# Distribution



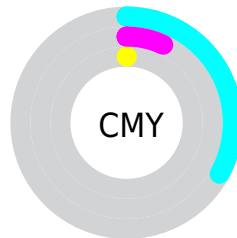
- Red (67%)
- Green (93%)
- Blue (100%)



- Red (67%)
- Yellow (82%)
- Blue (100%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.6170, 17.4438, -41.7601 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 219.6170, 17.4438, -41.7601 by changing the saturation by 10% instead.



219.6170, 17.4438,  
-41.7601

219.6170, 17.4438,  
-41.7601

255.0000, 0.0000,  
0.0000

191.5030, 17.0070,  
-41.6601

247.2260, 3.8326,  
-15.9842

163.8020, 16.8596,  
-41.0454

136.5030, 17.0070,  
-41.6601

110.0900, 16.7176,  
-42.1749

83.5950, 17.4547,  
-45.2488

57.0890, 18.1971,  
-50.0671

40.8520, 14.3700,

-35.8272

■ 25.4300, 11.1270,  
-22.3021

■ 4.3660, 11.6516,  
-3.8290

■ 219.6170, 17.4438,  
-41.7601

■ 219.6170, 17.4438,  
-41.7601

■ 208.6200, 22.8653,  
-54.0407

■ 230.9130, 11.8749,  
-28.8647

■ 197.9110, 28.1449,  
-67.4509

■ 241.3230, 6.7428,  
-16.0693

■ 186.9140, 33.5664,  
-79.7316

■ 252.6190, 1.1738,  
-3.1739

■ 176.2050, 38.8459,  
-93.1418

■ 255.0000, 0.0000,  
0.0000

■ 165.2080, 44.2675,  
-105.4224

■ 154.4990, 49.5470,  
-118.8326

■ 146.4700, 53.5053,  
-128.4542

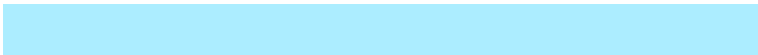
# Harmonies

## Analogous

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



218.6250, 8.5659, -40.8901



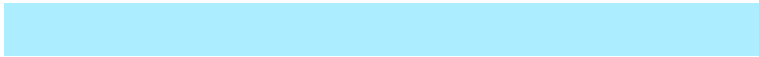
219.6170, 17.4438, -41.7601



221.7650, 16.3849, -28.7349

# Triad

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



219.6170, 17.4438, -41.7601



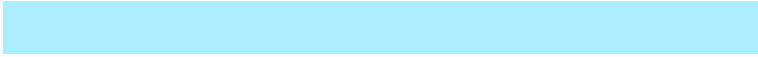
228.5220, 5.1657, 23.2212



224.5930, -19.5193, 7.3729

# Complementary

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



219.6170, 17.4438, -41.7601



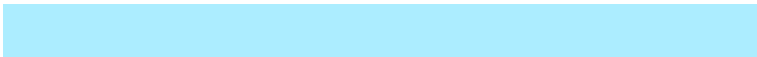
207.3830, -17.4438, 41.7601

# 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.



226.9910, -19.7156, 23.6869



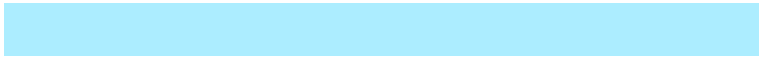
219.6170, 17.4438, -41.7601



225.5410, -3.7177, 25.8355

# Square

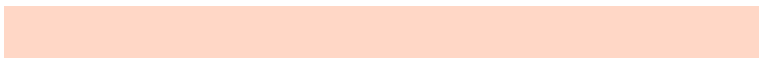
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



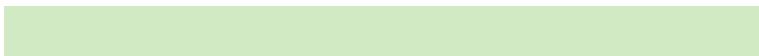
219.6170, 17.4438, -41.7601



229.3940, 12.6238, 11.0555



225.0220, -13.3218, 26.2907

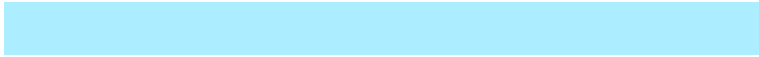


222.0790, -13.3499, -11.4703

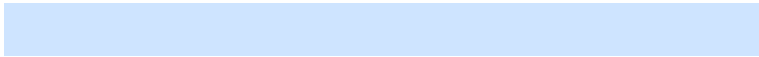


# Rectangle

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



219.6170, 17.4438, -41.7601



224.5000, 15.0365, -16.2245



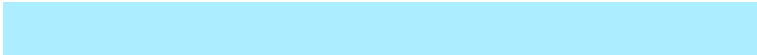
225.0220, -13.3218, 26.2907



225.8110, -20.1198, 13.3208

# Sweetspot

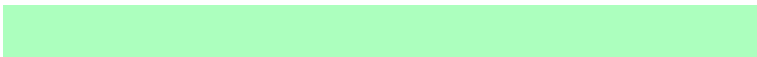
The Sweet Spot groups the original color and five complimentary colors.



219.6170, 17.4438, -41.7601



244.0030, 5.4215, -12.2806



222.7730, -16.1571, -44.5279



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000

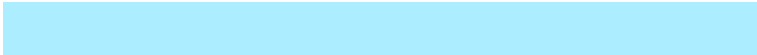


128.0000, 0.0000, 0.0000

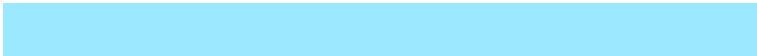


# Same Dimension

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



219.6170, 17.4438, -41.7601



212.4850, 20.9599, -49.5373



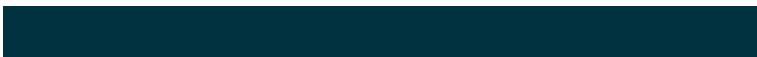
195.5500, 29.3089, -20.6533



122.3520, 2.7845, -6.4477



109.8240, 40.0198, -96.3156



36.6460, 13.4855, -32.1385



# Inverse Universe

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



204.2270, 16.1571, 44.5279



194.3790, 19.0402, 53.1646



231.4500, -29.3088, 20.6534



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257

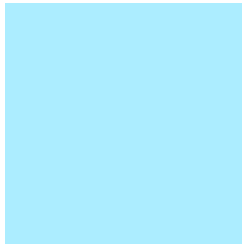


24.8360, 12.4059, 34.3468



# Previews

## White Background



This preview shows how the YUV color 219.6170, 17.4438, -41.7601 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

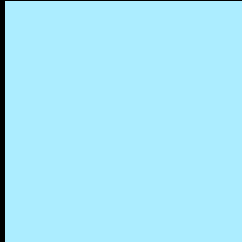
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.6170, 17.4438, -41.7601 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

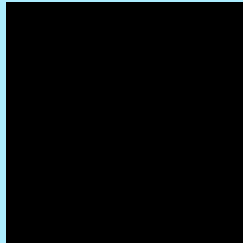
Any Text WCAG AA ✓ Pass

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 219.6170, 17.4438, -41.7601 Background



This preview shows how black text looks on a background with the YUV color 219.6170, 17.4438, -41.7601.



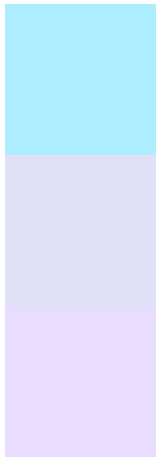
This preview shows how white text looks on a background with the YUV color 219.6170, 17.4438, -41.7601.

-41.7601.

# 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

219.6170, 17.4438, -41.7601

### Protanopia

226.6220, 10.0464, -2.2995

### Deuteranopia

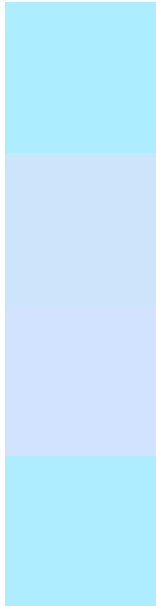
228.1650, 13.2297, 3.3633



## Tritanopia

220.2150, 17.1490, -40.5306

# Trichromacy



## Original Color

219.6170, 17.4438, -41.7601

## Protanomaly

224.2180, 12.7105, -16.8542

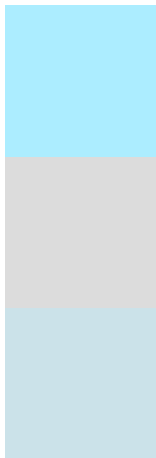
## Deuteranomaly

225.1090, 14.7363, -13.2506

## Tritanomaly

219.9160, 17.2964, -41.1453

# Monochromacy



## Original Color

219.6170, 17.4438, -41.7601

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

219.9210, 6.4479, -14.8397

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.6170, 17.4438, -41.7601 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(172, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 237, 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(172, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 237, 255) }
```

## Border

The CSS property to change the border of an element to YUV 219.6170, 17.4438, -41.7601 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(172, 237, 255) }
```



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

```
.border{ border-color:rgb(172, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 237,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 219.6170, 17.4438, -41.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 237, 255) }
```

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

```
.background{ background-color: rgb(172,  
237, 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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