

# Converting Colors

YUV(216.4610, 17.5207,  
-19.6983)

Have a look what the booklet for  
YUV(216.4610, 17.5207, -19.6983)  
contains.

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# Color

**YUV(216.4610, 17.5207,  
-19.6983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2DDFC
RGB	194, 221, 252
RGB Percent	76%, 87%, 99%
CMY	0.2392, 0.1333, 0.0118
CMYK	0.23, 0.12, 0.00, 0.01
HSL	212°, 91%, 87%
HSV	212°, 23%, 99%
XYZ	65.6753, 70.2105, 102.1860
YIQ	216.4610, -26.0430, 3.9170

# Conversions

## Conversions Part 2

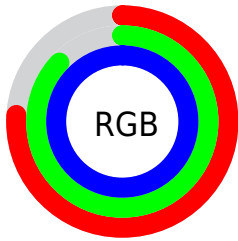
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	194, 212, 252
Decimal	12770812
CIE Lab	87.10, -2.36, -18.05
CIE LCh	87, 18.208, 262.551
Yxy	70.2105, 0.2759, 0.2949
Android (android.graphics.Color)	4290960892 (0xFFC2DDFC)
YUV	216.4610, 17.5207, -19.6983
Hunter-Lab	83.7917, -6.7286, -13.6514

# Details

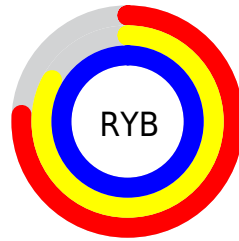
The YUV color  $216.4610, 17.5207, -19.6983$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $229.5390, -17.5207, 19.6983$ , and the grayscale version is  $216.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8040, 0.5896, -2.4591$ , and  $161.2330, 16.6471, -19.4983$  is the 20% darker color. If you saturate the color by 10%, you get  $201.3550, 24.9680, -28.3753$ , and if you desaturate by 10%, it is  $231.5670, 10.0735, -11.0213$ .

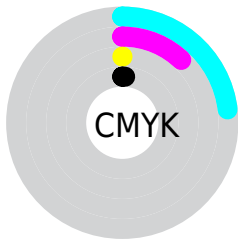
# Distribution



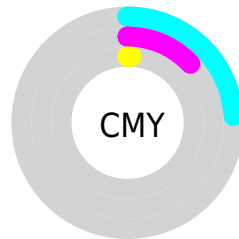
- Red (76%)
- Green (87%)
- Blue (99%)



- Red (76%)
- Yellow (83%)
- Blue (99%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (24%)
- Magenta (13%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.4610, 17.5207, -19.6983 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 216.4610, 17.5207, -19.6983 by changing the saturation by 10% instead.



■ 216.4610, 17.5207,  
-19.6983

■ 216.4610, 17.5207,  
-19.6983

255.0000, 0.0000,  
0.0000

■ 188.3470, 17.0839,  
-19.5983

■ 253.8040, 0.5896,  
-2.4591

■ 161.2330, 16.6471,  
-19.4983

■ 135.1190, 16.2103,  
-19.3984

■ 109.4180, 16.0629,  
-18.7836

■ 84.8910, 15.3367,  
-19.1984

■ 60.4780, 15.0473,  
-19.7132

■ 37.1680, 15.2002,

-22.0723

■ 19.2180, 12.7105,  
-16.8542

■ 3.4370, 10.6306,  
-3.0142

■ 216.4610, 17.5207,  
-19.6983

■ 216.4610, 17.5207,  
-19.6983

■ 201.3550, 24.9680,  
-28.3753

■ 231.5670, 10.0735,  
-11.0213

■ 185.6620, 32.7046,  
-36.5376

■ 247.2600, 2.3368,  
-2.8590

■ 170.2570, 40.2993,  
-45.8294

■ 254.6580, -1.3104,  
0.2999

■ 154.5640, 48.0359,  
-53.9916

■ 139.4580, 55.4832,  
-62.6687

■ 123.7650, 63.2199,  
-70.8309

■ 108.6590, 70.6671,  
-79.5079

■ 97.4070, 76.2143,  
-85.4259

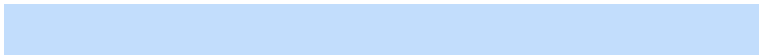
# Harmonies

## Analogous

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



213.8140, 15.3747, -31.4089



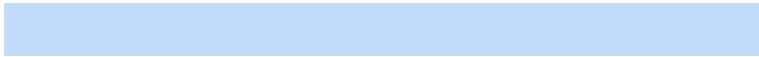
216.4610, 17.5207, -19.6983



219.2890, 15.1405, -2.8845

# Triad

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



216.4610, 17.5207, -19.6983



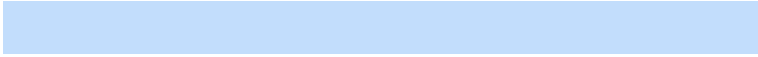
221.2380, -7.5123, 29.6093



214.3220, -8.5397, -14.3144

# Complementary

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



216.4610, 17.5207, -19.6983



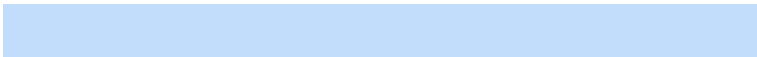
229.5390, -17.5207, 19.6983

# 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.



216.1130, -14.8457, 1.6549



216.4610, 17.5207, -19.6983



219.7940, -14.1954, 26.4907

# Square

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



216.4610, 17.5207, -19.6983



221.9800, 0.5029, 25.4505



217.7450, -16.6363, 16.0096



212.2370, 0.3762, -27.3948



# Rectangle

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



216.4610, 17.5207, -19.6983



220.4430, 11.6136, 8.3815



217.7450, -16.6363, 16.0096



214.6710, -11.1768, -8.4815

# Sweetspot

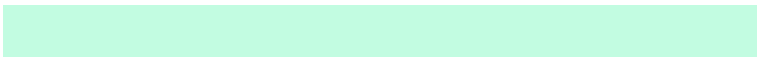
The Sweet Spot groups the original color and five complimentary colors.



216.4610, 17.5207, -19.6983



243.7480, 5.5472, -5.9180



231.5800, -3.2439, -32.9577



121.1890, 3.3578, -3.6738



0.0000, 0.0000, 0.0000

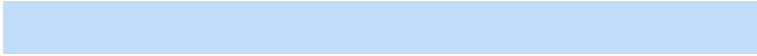


128.0000, 0.0000, 0.0000



# Same Dimension

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



216.4610, 17.5207, -19.6983



211.4650, 21.4628, -24.0868



201.2100, 25.0395, -4.5692



117.0040, 3.9420, -4.3885



73.2020, 57.0884, -64.1982



23.3900, 18.5417, -20.5130



# Inverse Universe

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



214.4200, 3.2439, 32.9577



208.9910, 3.9484, 40.3499



244.7900, -25.0395, 4.5692



116.5710, 0.7045, 7.3922



66.5430, 10.5783, 107.3948

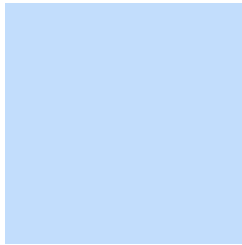


21.4310, 3.2385, 34.7020



# Previews

## White Background



This preview shows how the YUV color 216.4610, 17.5207, -19.6983 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

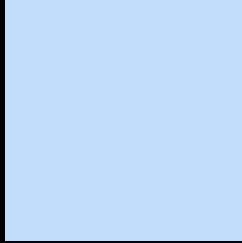
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.4610, 17.5207, -19.6983 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

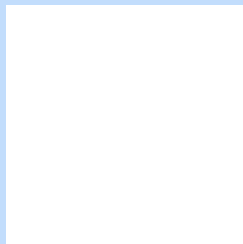
Any Text WCAG AAA ✓ Pass

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

# YUV 216.4610, 17.5207, -19.6983 Background



This preview shows how black text looks on a background with the YUV color 216.4610, 17.5207, -19.6983.



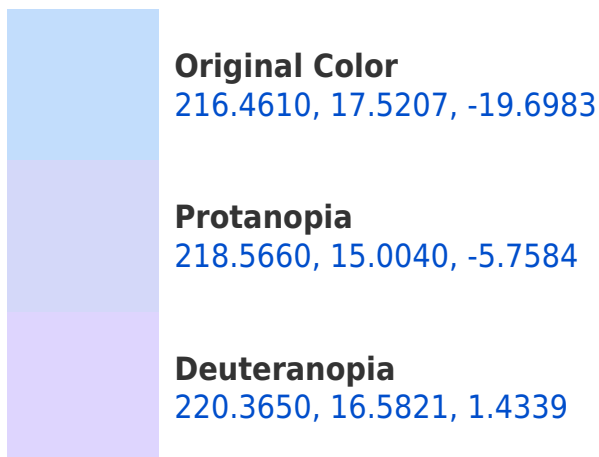
This preview shows how white text looks on a background with the YUV color 216.4610, 17.5207, -19.6983.

-19.6983.

# 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

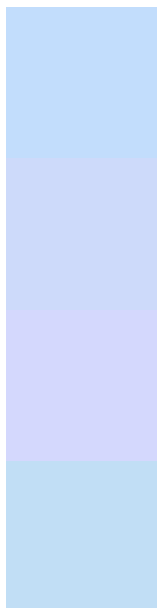




## Tritanopia

215.7830, 12.4320, -20.8577

# Trichromacy



## Original Color

216.4610, 17.5207, -19.6983

## Protanomaly

217.7610, 15.8938, -11.1914

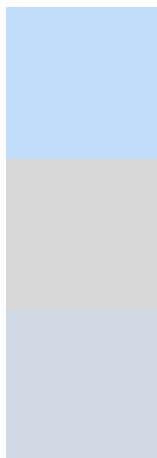
## Deuteranomaly

219.0220, 16.7512, -6.1583

## Tritanomaly

215.9510, 14.3212, -20.1280

# Monochromacy



## Original Color

216.4610, 17.5207, -19.6983

## Achromatopsia

216.0000, 0.0000, 0.0000

## Achromatomaly

216.2640, 6.2788, -7.2475

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.4610, 17.5207, -19.6983 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(194, 221, 252)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 252)  
}
```

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(194, 221, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 252) }
```

## Border

The CSS property to change the border of an element to YUV 216.4610, 17.5207, -19.6983 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(194, 221, 252) }
```



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

```
.border{ border-color:rgb(194, 221, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 221, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 221, 252); box-shadow:4px 4px 4px 4px rgb(194, 221, 252) }
```

# Background

The CSS property to change the background color of an element to YUV 216.4610, 17.5207, -19.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 252) }
```

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

```
.background{ background-color: rgb(194,  
221, 252) }
```

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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