

# Converting Colors

YUV(221.0270, 15.7627,  
-15.8097)

Have a look what the booklet for  
YUV(221.0270, 15.7627, -15.8097)  
contains.

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# Color

**YUV(221.0270, 15.7627,  
-15.8097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE0FD
RGB	203, 224, 253
RGB Percent	80%, 88%, 99%
CMY	0.2039, 0.1216, 0.0078
CMYK	0.20, 0.11, 0.00, 0.01
HSL	215°, 93%, 89%
HSV	215°, 20%, 99%
XYZ	69.0139, 73.0997, 103.4007
YIQ	221.0270, -21.8250, 4.5670

# Conversions

## Conversions Part 2

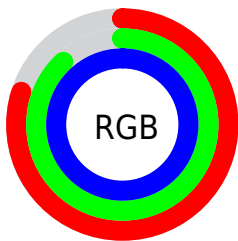
Format	Color
R <sub>Y</sub> B	203, 218, 253
Decimal	13361405
CIE Lab	88.50, -1.01, -16.42
CIE LCh	88, 16.452, 266.489
Yxy	73.0997, 0.2811, 0.2977
Android (android.graphics.Color)	4291551485 (0xFFCBE0FD)
YUV	221.0270, 15.7627, -15.8097
Hunter-Lab	85.4983, -5.5377, -11.8558

# Details

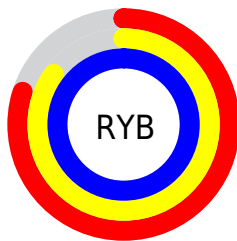
The YUV color `221.0270, 15.7627, -15.8097` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `234.9730, -15.7627, 15.8097`, and the grayscale version is `221.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `165.7990, 14.8891, -15.6097` is the 20% darker color. If you saturate the color by 10%, you get `204.7470, 23.7887, -23.4571`, and if you desaturate by 10%, it is `237.3070, 7.7366, -8.1622`.

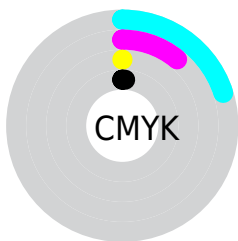
# Distribution



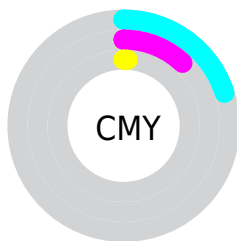
- Red (80%)
- Green (88%)
- Blue (99%)



- Red (80%)
- Yellow (85%)
- Blue (99%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (12%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.0270, 15.7627, -15.8097 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 221.0270, 15.7627, -15.8097 by changing the saturation by 10% instead.



■ 221.0270, 15.7627,  
-15.8097

■ 221.0270, 15.7627,  
-15.8097

255.0000, 0.0000,  
0.0000

■ 192.9130, 15.3259,  
-15.7097

■ 165.7990, 14.8891,  
-15.6097

■ 139.0980, 14.7417,  
-14.9949

■ 113.9840, 14.3049,  
-14.8950

■ 88.8700, 13.8681,  
-14.7950

■ 65.3430, 13.1419,  
-15.2098

■ 42.6310, 12.9999,

-16.3394

■ 20.5060, 12.5685,  
-17.9838

■ 3.5510, 11.0674,  
-3.1142

■ 221.0270, 15.7627,  
-15.8097

■ 221.0270, 15.7627,  
-15.8097

■ 204.7470, 23.7887,  
-23.4571

■ 237.3070, 7.7366,  
-8.1622

■ 188.7550, 31.6728,  
-32.2341

■ 253.2990, -0.1474,  
0.6148

■ 172.4750, 39.6988,  
-39.8816

■ 254.7720, -0.8736,  
0.2000

■ 156.1950, 47.7249,  
-47.5290

■ 140.2030, 55.6089,  
-56.3060

■ 123.9230, 63.6350,  
-63.9535

■ 107.6430, 71.6610,  
-71.6009

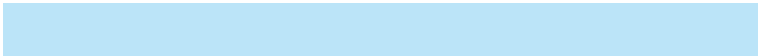
■ 91.9500, 79.3976,  
-79.7631

■ 91.0640, 79.8344,  
-79.8631

# Harmonies

## Analogous

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



218.0210, 14.7796, -27.2054



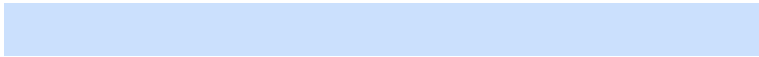
221.0270, 15.7627, -15.8097



223.7300, 12.9511, -0.6402

# Triad

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



221.0270, 15.7627, -15.8097



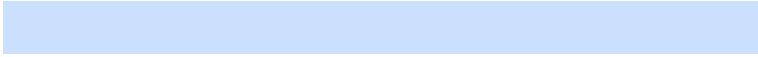
224.5150, -7.6489, 26.7353



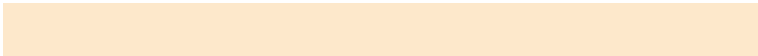
218.0770, -6.9400, -14.0995

# Complementary

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



221.0270, 15.7627, -15.8097



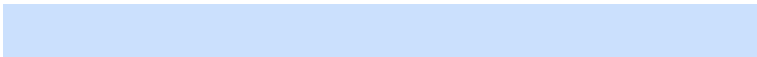
234.9730, -15.7627, 15.8097

# 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.



219.9710, -12.8037, 0.0254



221.0270, 15.7627, -15.8097



223.4130, -13.0216, 23.3168

# Square

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



221.0270, 15.7627, -15.8097



225.7410, -0.3653, 23.9061



221.7770, -15.1731, 13.3506



216.8890, 1.5337, -25.3357



# Rectangle

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



221.0270, 15.7627, -15.8097



224.5850, 9.5716, 10.0110



221.7770, -15.1731, 13.3506



218.5290, -9.1348, -10.1109

# Sweetspot

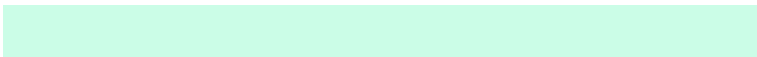
The Sweet Spot groups the original color and five complimentary colors.



221.0270, 15.7627, -15.8097



245.2320, 4.8156, -4.5885



235.5420, -2.2392, -28.5393



121.7870, 3.0630, -2.4442



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.



221.0270, 15.7627, -15.8097



216.2160, 19.1205, -19.4834



209.5970, 21.3977, -3.1546



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982



# Inverse Universe

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



220.3440, 1.8024, 28.6393



215.2030, 2.3649, 34.9020



246.4030, -21.3977, 3.1546



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242

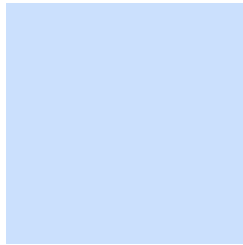


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 221.0270, 15.7627, -15.8097 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

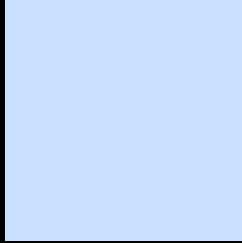
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.0270, 15.7627, -15.8097 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

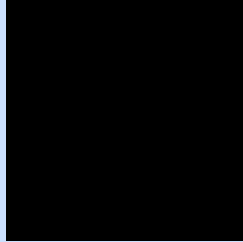
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

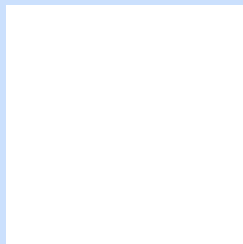
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 221.0270, 15.7627, -15.8097

## Background



This preview shows how black text looks on a background with the YUV color 221.0270, 15.7627, -15.8097.



This preview shows how white text looks on a background with the YUV color 221.0270, 15.7627, -15.8097.

-15.8097.

# 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

221.0270, 15.7627, -15.8097

### Protanopia

222.6370, 13.9830, -4.9436

### Deuteranopia

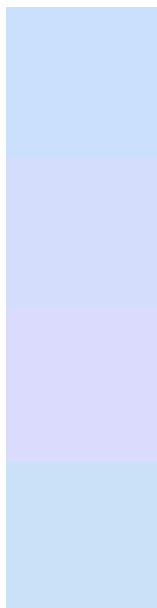
224.0340, 15.2662, 3.4782



## Tritanopia

220.5770, 11.5475, -17.1690

# Trichromacy



## Original Color

221.0270, 15.7627, -15.8097

## Protanomaly

221.8430, 14.8674, -8.6323

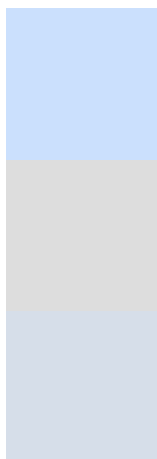
## Deuteranomaly

222.9900, 15.2879, -3.4992

## Tritanomaly

220.6310, 12.9999, -16.3394

# Monochromacy



## Original Color

221.0270, 15.7627, -15.8097

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

220.8620, 5.9840, -6.0180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.0270, 15.7627, -15.8097 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(203, 224, 253)` looks like.

```
.text, #text, p{  
    color:rgb(203, 224, 253)  
}
```

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(203, 224, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 224, 253) }
```

## Border

The CSS property to change the border of an element to YUV 221.0270, 15.7627, -15.8097 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(203, 224, 253) }
```



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

```
.border{ border-color:rgb(203, 224, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 224, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 224, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 224, 253); box-shadow:4px 4px 4px 4px rgb(203, 224, 253) }
```

# Background

The CSS property to change the background color of an element to YUV 221.0270, 15.7627, -15.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 224, 253) }
```

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

```
.background{ background-color: rgb(203,  
224, 253) }
```

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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