

# Converting Colors

YUV(203.7750, 21.3099,  
-21.7277)

Have a look what the booklet for  
YUV(203.7750, 21.3099, -21.7277)  
contains.

<b>YUV(203.7750, 21.3099, -21.7277)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(203.7750, 21.3099,  
-21.7277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3D0F7
RGB	179, 208, 247
RGB Percent	70%, 82%, 97%
CMY	0.2980, 0.1843, 0.0314
CMYK	0.28, 0.16, 0.00, 0.03
HSL	214°, 81%, 84%
HSV	214°, 28%, 97%
XYZ	57.9348, 61.4109, 96.7957
YIQ	203.7750, -29.8030, 5.9810

# Conversions

## Conversions Part 2

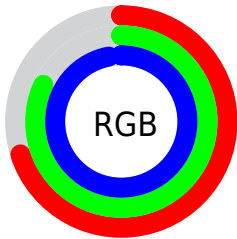
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 199, 247
Decimal	11784439
CIE Lab	82.60, -1.06, -22.31
CIE LCh	83, 22.334, 267.287
Yxy	61.4109, 0.2680, 0.2841
Android (android.graphics.Color)	4289974519 (0xFFB3D0F7)
YUV	203.7750, 21.3099, -21.7277
Hunter-Lab	78.3651, -5.1750, -18.3788

# Details

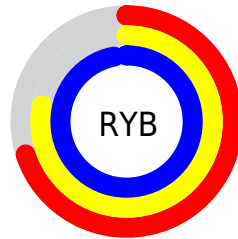
The YUV color  $203.7750, 21.3099, -21.7277$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $222.2250, -21.3099, 21.7277$ , and the grayscale version is  $204.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.3190, 2.8007, -11.6808$ , and  $149.5470, 20.4363, -21.5277$  is the 20% darker color. If you saturate the color by 10%, you get  $188.0820, 29.0466, -29.8899$ , and if you desaturate by 10%, it is  $219.4680, 13.5733, -13.5654$ .

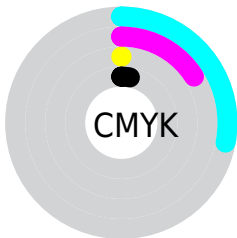
# Distribution



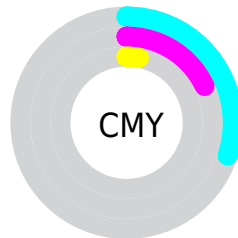
- Red (70%)
- Green (82%)
- Blue (97%)



- Red (70%)
- Yellow (78%)
- Blue (97%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (30%)
- Magenta (18%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.7750, 21.3099, -21.7277 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 203.7750, 21.3099, -21.7277 by changing the saturation by 10% instead.



■ 203.7750, 21.3099,  
-21.7277

■ 203.7750, 21.3099,  
-21.7277

255.0000, 0.0000,  
0.0000

■ 175.9600, 20.7257,  
-21.0129

■ 249.3190, 2.8007,  
-11.6808

■ 149.5470, 20.4363,  
-21.5277

■ 123.3190, 19.5627,  
-21.3278

■ 97.9060, 19.2733,  
-21.8426

■ 73.4930, 18.9840,  
-22.3574

■ 48.7700, 18.8474,  
-25.2313

■ 27.8410, 17.8264,

-24.4166

■ 12.4190, 14.5834,  
-10.8915

■ 2.8670, 8.4466,  
-2.5144

■ 203.7750, 21.3099,  
-21.7277

■ 203.7750, 21.3099,  
-21.7277

■ 188.0820, 29.0466,  
-29.8899

■ 219.4680, 13.5733,  
-13.5654

■ 172.6880, 36.6358,  
-37.4374

■ 234.8620, 5.9840,  
-6.0180

■ 156.9950, 44.3725,  
-45.5996

■ 250.5550, -1.7526,  
2.1443

■ 140.7150, 52.3985,  
-53.2471

■ 254.0880, -3.4944,  
0.7998

■ 125.0220, 60.1352,  
-61.4093

■ 109.6280, 67.7244,  
-68.9568

■ 93.9350, 75.4610,  
-77.1190

■ 89.7930, 77.5031,  
-78.7485

# Harmonies

## Analogous

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



199.6220, 19.9064, -38.2565



203.7750, 21.3099, -21.7277



207.5820, 17.4611, -0.5104

# Triad

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



203.7750, 21.3099, -21.7277



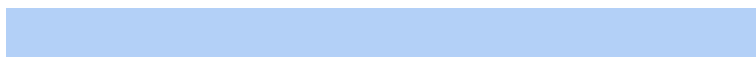
208.4730, -10.5862, 35.5422



199.8760, -8.8129, -20.0623

# Complementary

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



203.7750, 21.3099, -21.7277



222.2250, -21.3099, 21.7277

# 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.



202.5210, -17.0189, -1.3339



203.7750, 21.3099, -21.7277



207.1920, -17.8427, 29.6496

# Square

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



203.7750, 21.3099, -21.7277



209.3830, -0.6818, 32.1131



204.8330, -20.1307, 16.8095



198.0510, 2.4399, -36.0017



# Rectangle

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



203.7750, 21.3099, -21.7277



208.7040, 12.4709, 13.4146



204.8330, -20.1307, 16.8095



201.1110, -11.8867, -14.1293

# Sweetspot

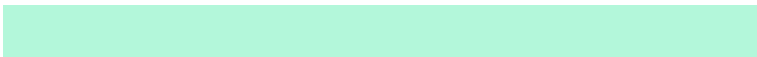
The Sweet Spot groups the original color and five complimentary colors.



203.7750, 21.3099, -21.7277



241.9760, 6.4208, -6.1180



223.3620, -2.6435, -38.9055



119.4170, 4.2314, -3.8737



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.



203.7750, 21.3099, -21.7277



201.7080, 26.2730, -26.9309



188.2470, 28.9652, -3.7246



114.3030, 3.7946, -3.7737



67.5770, 58.3825, -59.2650



21.4010, 18.5363, -18.7687



# Inverse Universe

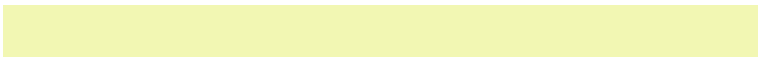
The Inverse Universe completely reimagines the original color for something new.



202.6380, 2.6435, 38.9055



200.2200, 3.3425, 48.0421



237.7530, -28.9652, 3.7246



114.1580, 0.4151, 6.8774



64.6200, 7.0893, 106.4503

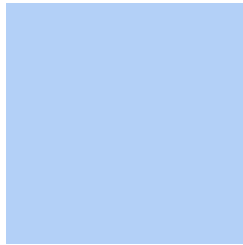


20.4910, 2.2229, 33.7724



# Previews

## White Background



This preview shows how the YUV color 203.7750, 21.3099, -21.7277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

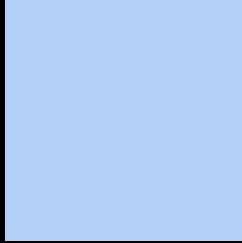
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 203.7750, 21.3099, -21.7277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

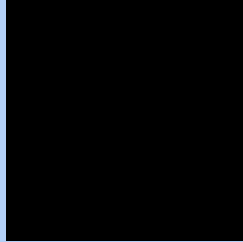
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

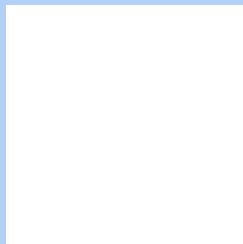
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 203.7750, 21.3099, -21.7277

## Background



This preview shows how black text looks on a background with the YUV color 203.7750, 21.3099, -21.7277.



This preview shows how white text looks on a background with the YUV color 203.7750, 21.3099, -21.7277.

-21.7277.

# 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

203.7750, 21.3099, -21.7277

### Protanopia

205.8800, 18.7932, -7.7878

### Deuteranopia

207.3690, 20.5241, -2.9546



## Tritanopia

202.1740, 12.7322, -23.8316

# Trichromacy



## Original Color

203.7750, 21.3099, -21.7277

## Protanomaly

205.0750, 19.6830, -13.2208

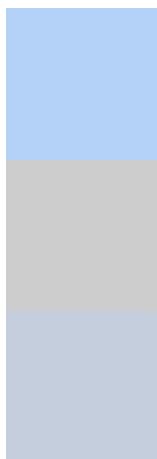
## Deuteranomaly

206.3250, 20.5458, -9.9320

## Tritanomaly

202.6840, 15.9318, -23.4019

# Monochromacy



## Original Color

203.7750, 21.3099, -21.7277

## Achromatopsia

204.0000, 0.0000, 0.0000

## Achromatomaly

203.7200, 8.0260, -7.6474

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.7750, 21.3099, -21.7277 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(179, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(179, 208, 247)  
}
```

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(179, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 208, 247) }
```

## Border

The CSS property to change the border of an element to YUV 203.7750, 21.3099, -21.7277 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(179, 208, 247) }
```



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

```
.border{ border-color:rgb(179, 208, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 208, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(179, 208,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 203.7750, 21.3099, -21.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 208, 247) }
```

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

```
.background{ background-color: rgb(179,  
208, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor