

# Converting Colors

YUV(216.5820, -6.2029,  
-17.1734)

Have a look what the booklet for  
YUV(216.5820, -6.2029, -17.1734)  
contains.

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# Color

**YUV(216.5820, -6.2029,  
-17.1734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E5CC
RGB	197, 229, 204
RGB Percent	77%, 90%, 80%
CMY	0.2275, 0.1020, 0.2000
CMYK	0.14, 0.00, 0.11, 0.10
HSL	133°, 38%, 84%
HSV	133°, 14%, 90%
XYZ	61.9444, 72.2686, 67.8112
YIQ	216.5820, -11.0470, -14.5590

# Conversions

## Conversions Part 2

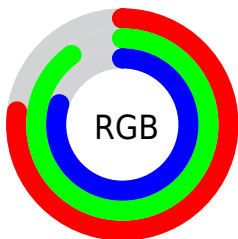
Format	Color
<a href="#">RYB</a>	<a href="#">197, 223, 229</a>
Decimal	<a href="#">12969420</a>
CIELab	<a href="#">88.10, -15.19, 8.68</a>
CIElCh	<a href="#">88, 17.501, 150.255</a>
Yxy	<a href="#">72.2686, 0.3066, 0.3577</a>
Android (android.graphics.Color)	<a href="#">4291159500 (0xFFC5E5CC)</a>
YUV	<a href="#">216.5820, -6.2029, -17.1734</a>
Hunter-Lab	<a href="#">85.0109, -18.7027, 12.2134</a>

# Details

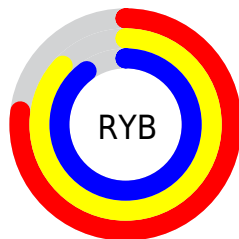
The YUV color **216.5820, -6.2029, -17.1734** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **209.4180, 6.2029, 17.1734**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7010, 0.1474, -0.6148**, and **161.4080, -5.6241, -16.1438** is the 20% darker color. If you saturate the color by 10%, you get **207.6530, -10.6749, -29.5137**, and if you desaturate by 10%, it is **225.5110, -1.7309, -4.8331**.

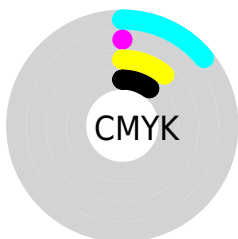
# Distribution



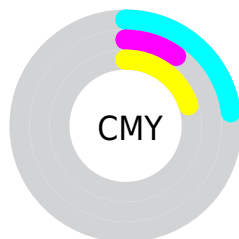
- Red (77%)
- Green (90%)
- Blue (80%)



- Red (77%)
- Yellow (87%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.5820, -6.2029, -17.1734 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 216.5820, -6.2029, -17.1734 by changing the saturation by 10% instead.



■ 216.5820, -6.2029,  
-17.1734

■ 216.5820, -6.2029,  
-17.1734

255.0000, 0.0000,  
0.0000

■ 188.9950, -5.9135,  
-16.6586

254.7010, 0.1474,  
-0.6148

■ 161.4080, -5.6241,  
-16.1438

■ 135.4080, -5.6241,  
-16.1438

■ 109.8210, -5.3348,  
-15.6290

■ 85.2340, -5.0454,  
-15.1142

■ 61.7610, -4.3192,  
-14.6994

■ 39.7610, -4.3192,

-14.6994

■ 17.9350, -4.8980,  
-15.7290

■ 0.0000, 0.0000,  
0.0000

■ 216.5820, -6.2029,  
-17.1734

■ 216.5820, -6.2029,  
-17.1734

■ 207.6530,  
-10.6749, -29.5137

■ 225.5110, -1.7309,  
-4.8331

■ 198.7240,  
-15.1469, -41.8539

■ 234.4400, 2.7411,  
7.5071

■ 189.7950,  
-19.6189, -54.1942

■ 239.7380, 7.5242,  
13.3848

■ 180.8660,  
-24.0909, -66.5345

■ 172.3500,  
-28.2736, -78.3600

■ 163.4210,  
-32.7456, -90.7002

■ 154.4920,  
-37.2176, -103.0405

■ 145.5630,  
-41.6896, -115.3808

■ 140.1230,  
-44.4306, -122.8879

# Harmonies

## Analogous

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



218.5470, -13.0877, -2.2337



216.5820, -6.2029, -17.1734



215.3940, 2.2708, -28.4095

# Triad

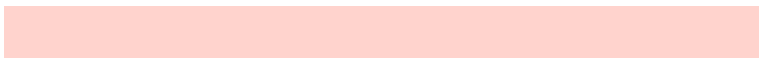
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.5820, -6.2029, -17.1734



219.9670, 16.7783, -14.8801



223.4720, -9.1067, 27.6501

# Complementary

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



216.5820, -6.2029, -17.1734



209.4180, 6.2029, 17.1734

# 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.



224.4100, -1.6811, 25.9504



216.5820, -6.2029, -17.1734



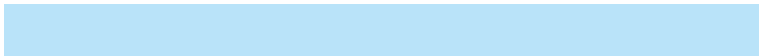
222.8550, 13.3825, 1.0042

# Square

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



216.5820, -6.2029, -17.1734



216.9500, 15.8007, -28.0201



224.2330, 6.7871, 16.4587



222.0710, -14.3320, 23.6167



# Rectangle

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



216.5820, -6.2029, -17.1734



215.2670, 8.2494, -32.6832



224.2330, 6.7871, 16.4587



223.4550, -6.6333, 27.6650

# Sweetspot

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



216.5820, -6.2029, -17.1734



251.0980, -2.0203, -5.3479



223.2590, -12.9457, -1.1041



125.3370, -1.1521, -3.8035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

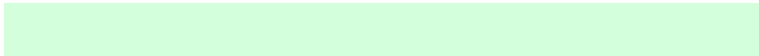


# Same Dimension

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



216.5820, -6.2029, -17.1734



238.2670, -8.5126, -23.0362



218.4060, 0.7858, -18.7731



110.3860, -2.1623, -6.4775



109.5190, -34.7659, -96.0482



31.1910, -9.9542, -27.3545



# Inverse Universe

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



209.4180, 6.2029, 17.1734



228.7330, 8.5126, 23.0362



207.5940, -0.7858, 18.7731



107.6140, 2.1623, 6.4775



69.3670, 34.3291, 96.1481

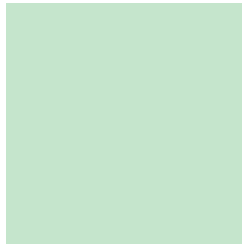


19.8090, 9.9542, 27.3545



# Previews

## White Background



This preview shows how the YUV color 216.5820, -6.2029, -17.1734 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 216.5820, -6.2029, -17.1734 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

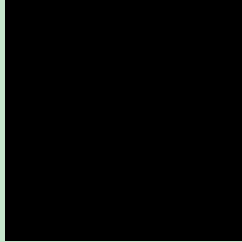
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

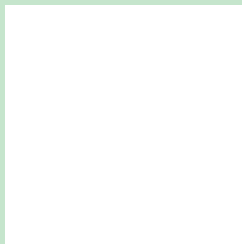
Any Text WCAG AAA ✓ Pass

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

# YUV 216.5820, -6.2029, -17.1734 Background



This preview shows how black text looks on a background with the YUV color 216.5820, -6.2029, -17.1734.



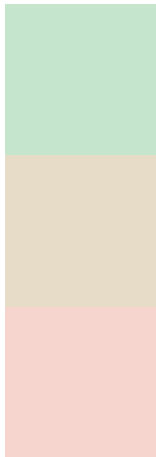
This preview shows how white text looks on a background with the YUV color 216.5820, -6.2029,

-17.1734.

# 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**

216.5820, -6.2029, -17.1734

**Protanopia**

220.5960, -10.6468, 8.2473

**Deuteranopia**

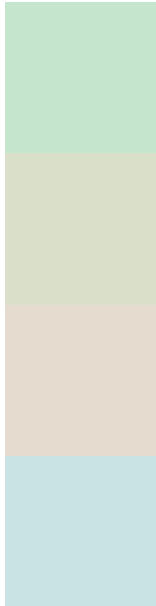
222.4820, -7.6326, 21.5023



## Tritanopia

219.6590, 10.5211, -14.6099

# Trichromacy



## Original Color

216.5820, -6.2029, -17.1734

## Protanomaly

218.9970, -8.8725, -0.8744

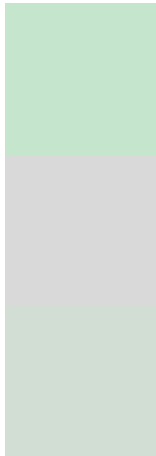
## Deuteranomaly

220.5080, -7.1524, 7.4475

## Tritanomaly

218.7530, 4.5588, -15.5694

# Monochromacy



## Original Color

216.5820, -6.2029, -17.1734

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

216.6850, -2.3097, -5.8627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.5820, -6.2029, -17.1734 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(197, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 229, 204)  
}
```

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(197, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 229, 204) }
```

## Border

The CSS property to change the border of an element to YUV 216.5820, -6.2029, -17.1734 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(197, 229, 204) }
```



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

```
.border{ border-color:rgb(197, 229, 204) }
```

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

Here you see how a box with a 4 pixel rgb(197, 229, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 229,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 216.5820, -6.2029, -17.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 229, 204) }
```

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

```
.background{ background-color: rgb(197,  
229, 204) }
```

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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