

# Converting Colors

YUV(223.8900, -3.3968,  
-30.5985)

Have a look what the booklet for  
YUV(223.8900, -3.3968, -30.5985)  
contains.

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# Color

**YUV(223.8900, -3.3968,  
-30.5985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BDF3D9</b>
RGB	<b>189, 243, 217</b>
RGB Percent	<b>74%, 95%, 85%</b>
CMY	<b>0.2588, 0.0471, 0.1490</b>
CMYK	<b>0.22, 0.00, 0.11, 0.05</b>
HSL	<b>151°, 69%, 85%</b>
HSV	<b>151°, 22%, 95%</b>
XYZ	<b>65.5612, 79.9298, 77.6182</b>
YIQ	<b>223.8900, -23.8380, -19.5340</b>

# Conversions

## Conversions Part 2

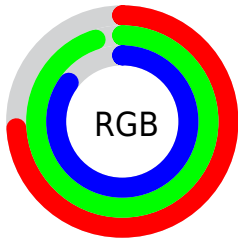
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 225, 243
Decimal	12448729
CIELab	91.65, -22.24, 6.95
CIElCh	92, 23.303, 162.654
Yxy	79.9298, 0.2939, 0.3583
Android (android.graphics.Color)	4290638809 (0xFFBDF3D9)
YUV	223.8900, -3.3968, -30.5985
Hunter-Lab	89.4034, -25.5586, 11.1081

# Details

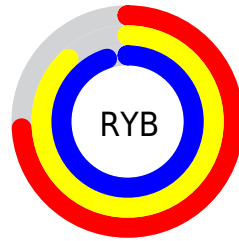
The YUV color **223.8900, -3.3968, -30.5985** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208.1100, 3.3968, 30.5985**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, 1.3267, -5.5330**, and **168.6020, -3.2548, -29.4690** is the 20% darker color. If you saturate the color by 10%, you get **215.3460, -5.1006, -44.1534**, and if you desaturate by 10%, it is **232.4340, -1.6930, -17.0436**.

# Distribution



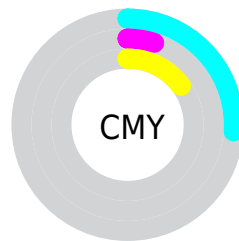
- Red (74%)
- Green (95%)
- Blue (85%)



- Red (74%)
- Yellow (88%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 223.8900, -3.3968, -30.5985 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 223.8900, -3.3968, -30.5985 by changing the saturation by 10% instead.





 223.8900, -3.3968,  
-30.5985


 223.8900, -3.3968,  
-30.5985

255.0000, 0.0000,  
0.0000


 196.1890, -3.5442,  
-29.9838

 252.3090, 1.3267,  
-5.5330


 168.6020, -3.2548,  
-29.4690

 142.0150, -2.9654,  
-28.9542

 115.5420, -2.2392,  
-28.5393

 90.8410, -2.3866,  
-27.9246

 66.0690, -1.5130,  
-28.1245

 41.6880, -0.3392,

-31.2984

■ 24.7000, -1.8241,  
-21.6619

■ 6.4570, -3.1833,  
-5.6628

■ 223.8900, -3.3968,  
-30.5985

■ 223.8900, -3.3968,  
-30.5985

■ 215.3460, -5.1006,  
-44.1534

■ 232.4340, -1.6930,  
-17.0436

■ 206.6170, -6.2202,  
-58.4231

■ 241.1630, -0.5734,  
-2.7740

■ 198.0730, -7.9240,  
-71.9780

■ 247.6140, 2.1623,  
6.4775

■ 189.5290, -9.6278,  
-85.5329

■ 247.9560, 3.4727,  
6.1776

■ 181.0990,  
-10.8948, -99.1878

■ 172.2560,  
-12.4512, -113.3575

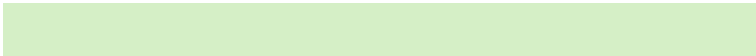
■ 163.7120,  
-14.1550, -126.9124

■ 157.0050,  
-15.2855, -137.6934

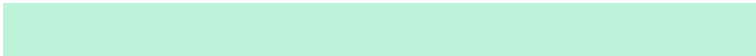
# Harmonies

## Analogous

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



226.5520, -14.0761, -11.8851



223.8900, -3.3968, -30.5985



222.3150, 8.7187, -43.2493

# Triad

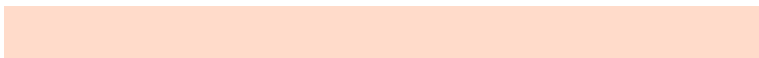
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.8900, -3.3968, -30.5985



229.2620, 12.6888, -9.8768



227.8260, -12.7322, 23.8316

# Complementary

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



223.8900, -3.3968, -30.5985



208.1100, 3.3968, 30.5985

# 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.



227.7580, -2.8387, 23.8912



223.8900, -3.3968, -30.5985



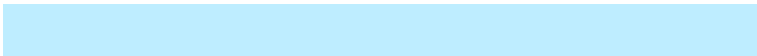
233.2370, 10.7292, 12.0702

# Square

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



223.8900, -3.3968, -30.5985



224.9990, 14.7905, -30.6941



231.5540, 6.6289, 20.5621

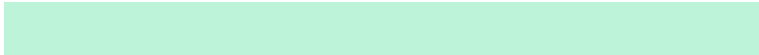


229.8660, -20.1469, 22.0425



# Rectangle

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



223.8900, -3.3968, -30.5985



222.7260, 15.4181, -45.3637



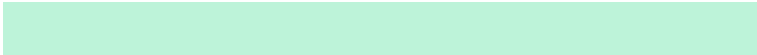
231.5540, 6.6289, 20.5621



227.3360, -9.5326, 24.2613

# Sweetspot

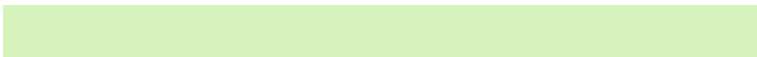
The Sweet Spot groups the original color and five complimentary colors.



223.8900, -3.3968, -30.5985



248.5920, -1.2779, -10.1662



228.4720, -19.4597, -11.8149



124.1410, -0.5625, -6.2627



0.0000, 0.0000, 0.0000

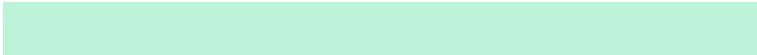


128.0000, 0.0000, 0.0000

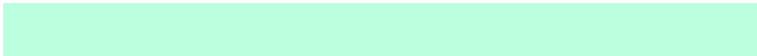


# Same Dimension

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



223.8900, -3.3968, -30.5985



230.6070, -4.2433, -39.1203



226.2670, 8.2494, -32.6832



117.8420, -0.4151, -6.8774



120.2400, -11.4573, -105.4505



38.0530, -3.9701, -33.3725



# Inverse Universe

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



208.1100, 3.3968, 30.5985



210.3930, 4.2433, 39.1203



205.7330, -8.2494, 32.6832



114.2720, 0.8519, 6.7775



65.8740, 11.8941, 105.3505

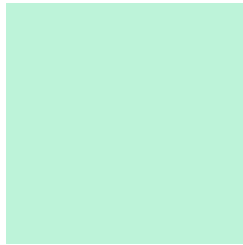


20.8330, 3.5333, 33.4725



# Previews

## White Background



This preview shows how the YUV color 223.8900, -3.3968, -30.5985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

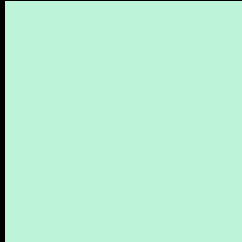
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 223.8900, -3.3968, -30.5985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

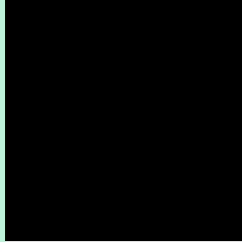
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

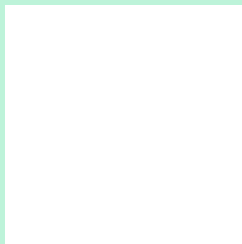
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 223.8900, -3.3968, -30.5985

## Background



This preview shows how black text looks on a background with the YUV color 223.8900, -3.3968, -30.5985.



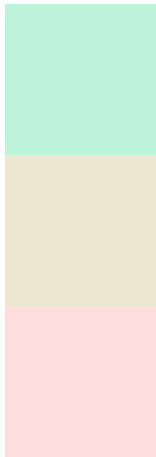
This preview shows how white text looks on a background with the YUV color 223.8900, -3.3968, -30.5985.

-30.5985.

# 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**

223.8900, -3.3968, -30.5985

**Protanopia**

230.4110, -10.0626, 7.5326

**Deuteranopia**

232.4540, -5.1538, 19.7728



## **Tritanopia**

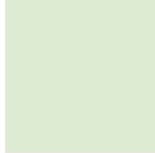
227.3910, 13.6112, -25.7759

# Trichromacy



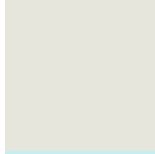
## Original Color

223.8900, -3.3968, -30.5985



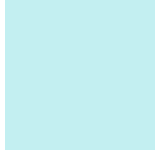
## Protanomaly

228.3060, -7.5459, -6.4074



## Deuteranomaly

229.1590, -4.5154, 1.6146



## Tritanomaly

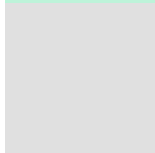
226.0720, 7.3595, -27.2501

# Monochromacy



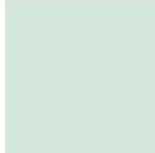
## Original Color

223.8900, -3.3968, -30.5985



## Achromatopsia

224.0000, 0.0000, 0.0000



## Achromatomaly

223.8800, -1.4198, -11.2958

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 223.8900, -3.3968, -30.5985 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(189, 243, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 243, 217)  
}
```

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(189, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 243, 217) }
```

## Border

The CSS property to change the border of an element to YUV 223.8900, -3.3968, -30.5985 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(189, 243, 217) }
```



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

```
.border{ border-color:rgb(189, 243, 217) }
```

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

Here you see how a box with a 4 pixel rgb(189, 243, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 243, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 243, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 243,  
217) }
```

# Background

The CSS property to change the background color of an element to YUV 223.8900, -3.3968, -30.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 243, 217) }
```

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

```
.background{ background-color: rgb(189,  
243, 217) }
```

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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