

# Converting Colors

YUV(209.3670, 20.0321,  
-31.8939)

Have a look what the booklet for  
YUV(209.3670, 20.0321, -31.8939)  
contains.

<b>YUV(209.3670, 20.0321, -31.8939)</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(209.3670, 20.0321,  
-31.8939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADDCFA
RGB	173, 220, 250
RGB Percent	68%, 86%, 98%
CMY	0.3216, 0.1373, 0.0196
CMYK	0.31, 0.12, 0.00, 0.02
HSL	203°, 89%, 83%
HSV	203°, 31%, 98%
XYZ	60.0821, 66.9728, 100.2029
YIQ	209.3670, -37.6420, -0.6340

# Conversions

## Conversions Part 2

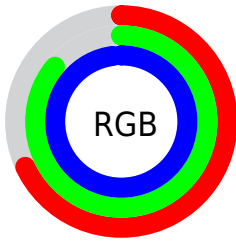
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 202, 250
Decimal	11394298
CIELab	85.49, -8.34, -19.55
CIELCh	85, 21.260, 246.891
Yxy	66.9728, 0.2644, 0.2947
Android (android.graphics.Color)	4289584378 (0xFFADDCA)
YUV	209.3670, 20.0321, -31.8939
Hunter-Lab	81.8369, -12.1654, -15.3101

# Details

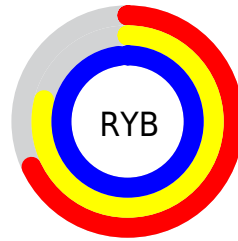
The YUV color **209.3670, 20.0321, -31.8939** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **213.6330, -20.0321, 31.8939**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5250, 3.6852, -15.3694**, and **154.1390, 19.1585, -31.6939** is the 20% darker color. If you saturate the color by 10%, you get **196.0220, 26.6112, -42.1153**, and if you desaturate by 10%, it is **222.7120, 13.4530, -21.6724**.

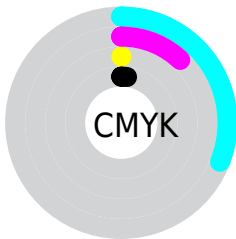
# Distribution



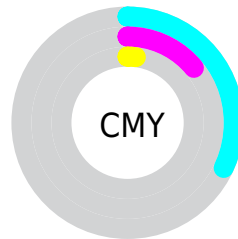
- Red (68%)
- Green (86%)
- Blue (98%)



- Red (68%)
- Yellow (79%)
- Blue (98%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (32%)
- Magenta (14%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.3670, 20.0321, -31.8939 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 209.3670, 20.0321, -31.8939 by changing the saturation by 10% instead.



■ 209.3670, 20.0321,  
-31.8939

■ 209.3670, 20.0321,  
-31.8939

255.0000, 0.0000,  
0.0000

■ 181.2530, 19.5953,  
-31.7939

■ 247.5250, 3.6852,  
-15.3694

■ 154.1390, 19.1585,  
-31.6939

■ 128.0250, 18.7217,  
-31.5939

■ 101.7260, 18.8691,  
-32.2087

■ 76.6010, 18.4377,  
-33.8531

■ 49.0130, 20.2066,  
-41.2304

■ 32.7650, 16.3849,

-28.7349

■ 18.5170, 12.5631,  
-16.2394

■ 3.2090, 9.7570,  
-2.8143

■ 209.3670, 20.0321,  
-31.8939

■ 209.3670, 20.0321,  
-31.8939

■ 196.0220, 26.6112,  
-42.1153

■ 222.7120, 13.4530,  
-21.6724

■ 183.2640, 32.9008,  
-52.8515

■ 235.4700, 7.1633,  
-10.9362

■ 169.9190, 39.4799,  
-63.0730

■ 248.8150, 0.5842,  
-0.7148

■ 156.5740, 46.0590,  
-73.2944

■ 254.4300, -2.1840,  
0.4999

■ 143.2290, 52.6381,  
-83.5158

■ 130.4710, 58.9278,  
-94.2521

■ 118.3110, 64.9227,  
-103.7587

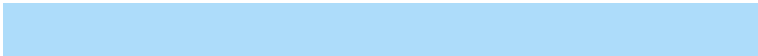
# Harmonies

## Analogous

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



206.3460, 15.1124, -40.6454



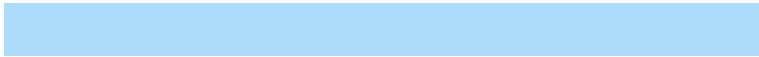
209.3670, 20.0321, -31.8939



213.3630, 19.5410, -14.3504

# Triad

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



209.3670, 20.0321, -31.8939



217.5850, -3.7394, 32.8130



210.1720, -14.3818, -7.1668

# Complementary

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



209.3670, 20.0321, -31.8939



213.6330, -20.0321, 31.8939

# 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.



212.7290, -19.0934, 10.7617



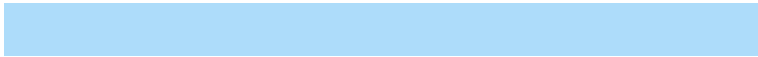
209.3670, 20.0321, -31.8939



216.1800, -12.9067, 33.1681

# Square

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



209.3670, 20.0321, -31.8939



217.7500, 6.0393, 23.0212



214.3440, -18.4106, 25.1313



207.7660, -5.3076, -24.3508



# Rectangle

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



209.3670, 20.0321, -31.8939



215.3540, 16.5875, -0.3105



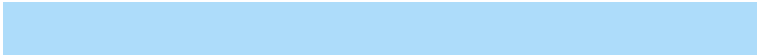
214.3440, -18.4106, 25.1313



211.0480, -16.2927, -0.9191

# Sweetspot

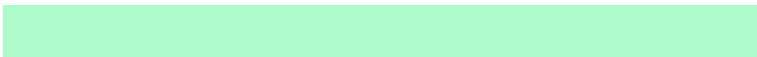
The Sweet Spot groups the original color and five complimentary colors.



209.3670, 20.0321, -31.8939



242.8400, 5.9949, -9.5067



221.6190, -9.1792, -42.6389



119.9930, 3.9475, -6.1329



0.0000, 0.0000, 0.0000

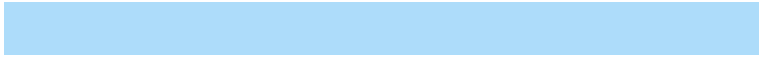


128.0000, 0.0000, 0.0000

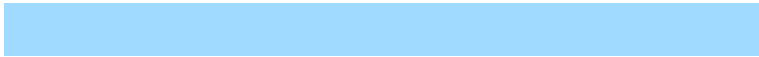


# Same Dimension

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



209.3670, 20.0321, -31.8939



205.1750, 24.5637, -38.7415



187.0610, 31.0289, -12.3315



118.1780, 3.3632, -5.4181



89.0510, 49.2749, -78.0977



28.6730, 15.9372, -25.1462



# Inverse Universe

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



201.3810, 9.1792, 42.6389



195.6040, 11.0412, 52.0903



235.9390, -31.0289, 12.3315



116.7990, 1.5781, 7.1923



69.6210, 22.3718, 104.6954

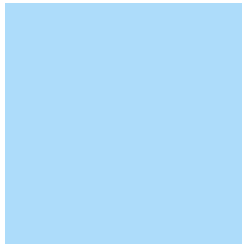


22.4570, 7.1697, 33.8022



# Previews

## White Background



This preview shows how the YUV color 209.3670, 20.0321, -31.8939 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

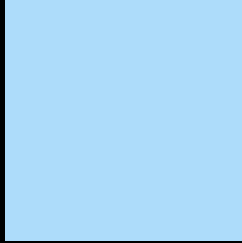
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.3670, 20.0321, -31.8939 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

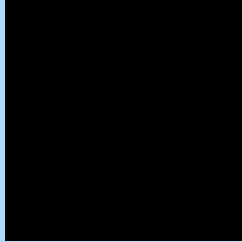
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.3670, 20.0321, -31.8939

## Background



This preview shows how black text looks on a background with the YUV color 209.3670, 20.0321, -31.8939.



This preview shows how white text looks on a background with the YUV color 209.3670, 20.0321, -31.8939.

-31.8939.

# 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

209.3670, 20.0321, -31.8939

### Protanopia

213.5660, 15.0040, -5.7584

### Deuteranopia

215.1090, 18.1873, -0.0956



## Tritanopia

208.8030, 15.3801, -33.1532

# Trichromacy



## Original Color

209.3670, 20.0321, -31.8939

## Protanomaly

211.9670, 16.7783, -14.8801

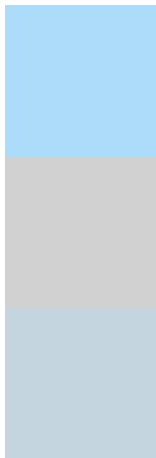
## Deuteranomaly

212.8580, 18.8040, -11.2765

## Tritanomaly

208.9710, 17.2693, -32.4236

# Monochromacy



## Original Color

209.3670, 20.0321, -31.8939

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.1710, 7.3107, -11.5510

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.3670, 20.0321, -31.8939 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(173, 220, 250)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 250)  
}
```

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(173, 220, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 250) }
```

## Border

The CSS property to change the border of an element to YUV 209.3670, 20.0321, -31.8939 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(173, 220, 250) }
```



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

```
.border{ border-color:rgb(173, 220, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 220, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 220, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 220, 250);  
box-shadow:4px 4px 4px 4px rgb(173, 220,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 209.3670, 20.0321, -31.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 250) }
```

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

```
.background{ background-color: rgb(173,  
220, 250) }
```

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