

# Converting Colors

YUV(209.9130, -28.0581,  
39.5413)

Have a look what the booklet for  
YUV(209.9130, -28.0581, 39.5413)  
contains.

<b>YUV(209.9130, -28.0581, 39.5413)</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(209.9130, -28.0581,  
39.5413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FFC699</a>
RGB	<a href="#">255, 198, 153</a>
RGB Percent	<a href="#">100%, 78%, 60%</a>
CMY	<a href="#">0.0000, 0.2235, 0.4000</a>
CMYK	<a href="#">0.00, 0.22, 0.40, 0.00</a>
HSL	<a href="#">26°, 100%, 80%</a>
HSV	<a href="#">26°, 40%, 100%</a>
XYZ	<a href="#">67.1839, 63.9481, 38.9392</a>
YIQ	<a href="#">209.9130, 48.4170, -1.9110</a>

# Conversions

## Conversions Part 2

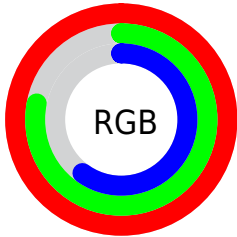
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 234, 153
Decimal	16762521
CIE <sub>Lab</sub>	83.94, 14.62, 30.35
CIE <sub>LCh</sub>	84, 33.686, 64.269
Yxy	63.9481, 0.3950, 0.3760
Android (android.graphics.Color)	4294952601 (0xFFFFC699)
YUV	209.9130, -28.0581, 39.5413
Hunter-Lab	79.9675, 10.0216, 27.1067

# Details

The YUV color  $209.9130, -28.0581, 39.5413$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $198.0870, 28.0581, -39.5413$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.6420, -20.5295, 4.6990$ , and  $154.6460, -26.4475, 36.2675$  is the 20% darker color. If you saturate the color by 10%, you get  $198.8450, -34.9266, 49.2479$ , and if you desaturate by 10%, it is  $221.0950, -20.7528, 29.7347$ .

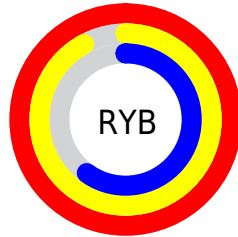
# Distribution



Red (100%)

Green (78%)

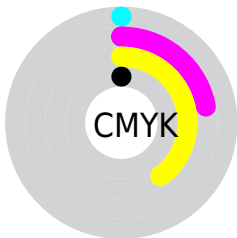
Blue (60%)



Red (100%)

Yellow (92%)

Blue (60%)

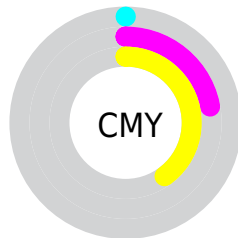


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.9130, -28.0581, 39.5413 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 209.9130, -28.0581, 39.5413 by changing the saturation by 10% instead.



209.9130,  
-28.0581, 39.5413

209.9130,  
-28.0581, 39.5413

255.0000, 0.0000,  
0.0000

182.1300,  
-27.1791, 37.5970

249.6420,  
-20.5295, 4.6990

154.6460,  
-26.4475, 36.2675

252.8340, -8.2992,  
1.8996

128.2760,  
-25.2791, 34.8379

103.1940,  
-24.2526, 32.2789

78.4110, -23.3736,  
30.3346

54.2150, -22.7840,  
27.8754

33.5010, -16.5160,

24.1166

■ 12.2370, -6.0328,  
21.7172

■ 0.0000, 0.0000,  
0.0000

■ 209.9130,  
-28.0581, 39.5413

■ 209.9130,  
-28.0581, 39.5413

■ 198.8450,  
-34.9266, 49.2479

■ 221.0950,  
-20.7528, 29.7347

■ 187.6630,  
-42.2319, 59.0545

■ 232.7500,  
-14.1737, 19.5133

■ 176.0080,  
-48.8109, 69.2760

■ 243.9320, -6.8685,  
9.7066

■ 164.8260,  
-56.1162, 79.0826

255.0000, 0.0000,  
0.0000

■ 153.6440,  
-63.4215, 88.8892

■ 142.5760,  
-70.2900, 98.5958

# Harmonies

## Analogous

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



207.1380, -15.8440, 41.9750



209.9130, -28.0581, 39.5413



207.2000, -30.1716, 17.3646

# Triad

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



209.9130, -28.0581, 39.5413



194.3080, 9.2152, -62.5371



212.2500, 21.0757, 6.7968

# Complementary

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



209.9130, -28.0581, 39.5413



198.0870, 28.0581, -39.5413

# 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.



205.2520, 24.5258, -26.5310



209.9130, -28.0581, 39.5413



193.0690, 25.1090, -73.7285

# Square

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



209.9130, -28.0581, 39.5413



198.7660, -8.7586, -37.5058



197.3790, 28.4072, -58.2144



214.4940, 11.0955, 34.6468



# Rectangle

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



209.9130, -28.0581, 39.5413



204.7140, -26.4810, 0.2508



197.3790, 28.4072, -58.2144



209.8250, 22.2713, -3.3545

# Sweetspot

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



209.9130, -28.0581, 39.5413



241.4870, -8.6211, 11.8509



190.1100, 10.2988, 56.9085



120.0780, -4.9685, 6.9476



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.



209.9130, -28.0581, 39.5413



201.1760, -33.6108, 47.2036



239.2630, -42.5277, 13.8013



121.8220, -3.3632, 5.4181



106.4170, -52.4636, 74.1793



35.5720, -17.5370, 24.9314



# Inverse Universe

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



198.0870, 28.0581, -39.5413



186.8240, 33.6108, -47.2036



168.7370, 42.5277, -13.8013



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314



# Previews

## White Background



This preview shows how the YUV color 209.9130, -28.0581, 39.5413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

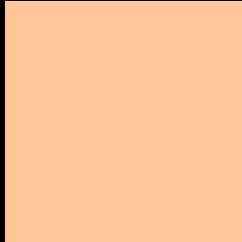
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.9130, -28.0581, 39.5413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

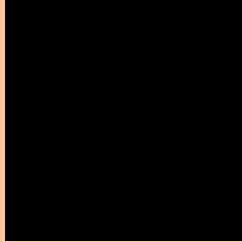
Any Text WCAG AA ✓ Pass

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 209.9130, -28.0581, 39.5413 Background



This preview shows how black text looks on a background with the YUV color 209.9130, -28.0581, 39.5413.



This preview shows how white text looks on a background with the YUV color 209.9130, -28.0581,

39.5413.

# 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

209.9130, -28.0581, 39.5413

### Protanopia

207.6710, -24.4878, 14.3205

### Deuteranopia

209.4670, -28.3312, 33.7934



## Tritanopia

213.0200, -3.4609, 36.8165

# Trichromacy



## Original Color

209.9130, -28.0581, 39.5413

## Protanomaly

208.3840, -25.8253, 23.3422

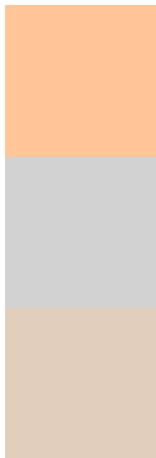
## Deuteranomaly

209.7770, -28.4841, 36.1526

## Tritanomaly

212.0280, -12.3388, 37.6864

# Monochromacy



## Original Color

209.9130, -28.0581, 39.5413

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

210.0420, -10.3737, 13.9952

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.9130, -28.0581, 39.5413 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(255, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 153)  
}
```

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(255, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 153) }
```

## Border

The CSS property to change the border of an element to YUV 209.9130, -28.0581, 39.5413 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(255, 198, 153) }
```



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

```
.border{ border-color:rgb(255, 198, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 209.9130, -28.0581, 39.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 153) }
```

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

```
.background{ background-color: rgb(255,  
198, 153) }
```

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