

# Converting Colors

YUV(209.8950, -14.2452,  
-4.2929)

Have a look what the booklet for  
YUV(209.8950, -14.2452, -4.2929)  
contains.

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# Color

**YUV(209.8950, -14.2452,  
-4.2929)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDDAB5
RGB	205, 218, 181
RGB Percent	80%, 85%, 71%
CMY	0.1961, 0.1451, 0.2902
CMYK	0.06, 0.00, 0.17, 0.15
HSL	81°, 33%, 78%
HSV	81°, 17%, 85%
XYZ	58.5887, 66.4581, 53.4558
YIQ	209.8950, 4.1290, -14.2630

# Conversions

## Conversions Part 2

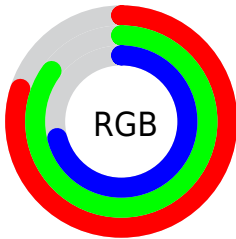
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 218, 194
Decimal	13490869
CIE <sub>Lab</sub>	85.23, -10.81, 16.76
CIE <sub>LCh</sub>	85, 19.939, 122.816
Yxy	66.4581, 0.3282, 0.3723
Android (android.graphics.Color)	4291680949 (0xFFCDDAB5)
YUV	209.8950, -14.2452, -4.2929
Hunter-Lab	81.5219, -14.3776, 18.1874

# Details

The YUV color  $209.8950, -14.2452, -4.2929$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $189.1050, 14.2452, 4.2929$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.9480, -7.8624, 1.7996$ , and  $155.4220, -13.5190, -3.8781$  is the 20% darker color. If you saturate the color by 10%, you get  $204.9950, -22.6755, -7.0116$ , and if you desaturate by 10%, it is  $214.7950, -5.8149, -1.5742$ .

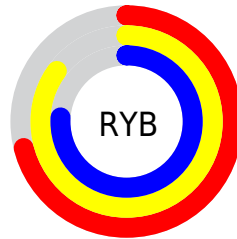
# Distribution



Red (80%)

Green (85%)

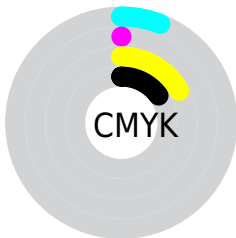
Blue (71%)



Red (71%)

Yellow (85%)

Blue (76%)

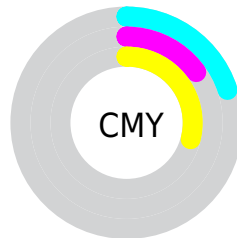


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.8950, -14.2452, -4.2929 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 209.8950, -14.2452, -4.2929 by changing the saturation by 10% instead.



■ 209.8950,  
-14.2452, -4.2929

■ 209.8950,  
-14.2452, -4.2929

255.0000, 0.0000,  
0.0000

■ 182.0090,  
-13.8084, -4.3929

■ 252.9480, -7.8624,  
1.7996

■ 155.4220,  
-13.5190, -3.8781

■ 129.5360,  
-13.0822, -3.9781

■ 103.7640,  
-12.2087, -4.1780

■ 79.8780, -11.7719,  
-4.2780

■ 56.9920, -11.3351,  
-4.3780

■ 35.2910, -11.4825,

-3.7632

■ 13.2130, -6.5140,  
-10.7108

■ 0.0000, 0.0000,  
0.0000

■ 209.8950,  
-14.2452, -4.2929

■ 209.8950,  
-14.2452, -4.2929

■ 204.9950,  
-22.6755, -7.0116

■ 214.7950, -5.8149,  
-1.5742

■ 200.3940,  
-31.2532, -9.1155

■ 219.3960, 2.7628,  
0.5297

■ 195.6080,  
-39.2467, -11.9342

■ 224.1820, 10.7563,  
3.3484

■ 190.7080,  
-47.6770, -14.6529

■ 227.6000, 13.5082,  
7.3668

■ 186.1070,  
-56.2548, -16.7568

■ 229.6930, 12.4764,  
11.6702

■ 181.2070,  
-64.6851, -19.4755

■ 232.0850, 11.2971,  
16.5885

■ 176.3070,  
-73.1154, -22.1942

■ 233.2810, 10.7075,  
19.0476

■ 171.8200,  
-81.2563, -24.3981

■ 170.1250,  
-83.8716, -25.5426

# Harmonies

## Analogous

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



211.9680, -18.2252, 12.3061



209.8950, -14.2452, -4.2929



207.5600, -6.1921, -20.6621

# Triad

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



209.8950, -14.2452, -4.2929



208.9110, 18.2849, -31.4939



216.6170, -2.2762, 30.1539

# Complementary

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



209.8950, -14.2452, -4.2929



189.1050, 14.2452, 4.2929

# 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.



216.2550, 6.7763, 19.9474



209.8950, -14.2452, -4.2929



212.1240, 18.6729, -15.8947

# Square

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



209.8950, -14.2452, -4.2929



206.2000, 13.2124, -37.8864



215.5070, 14.5400, 3.0634



215.3370, -11.0121, 32.1535



# Rectangle

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



209.8950, -14.2452, -4.2929



206.6280, 0.6764, -30.3688



215.5070, 14.5400, 3.0634



216.4040, 0.7868, 27.7097

# Sweetspot

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



209.8950, -14.2452, -4.2929



252.3220, -5.0887, -1.1594



199.6940, -9.2161, 16.0544



126.1910, -3.0522, -1.0445



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

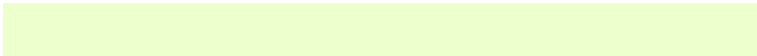


# Same Dimension

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



209.8950, -14.2452, -4.2929



243.8040, -19.6234, -5.9671



204.5130, -11.5919, -15.3589



107.5500, -4.2151, -1.3593



135.0390, -66.5742, -20.2052



35.9720, -17.7342, -5.2374



# Inverse Universe

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



189.1050, 14.2452, 4.2929



215.1960, 19.6234, 5.9671



194.4870, 11.5919, 15.3589



101.4500, 4.2151, 1.3593



37.9610, 66.5742, 20.2052

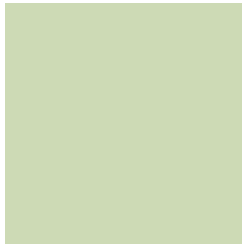


10.0280, 17.7342, 5.2374



# Previews

## White Background



This preview shows how the YUV color 209.8950, -14.2452, -4.2929 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

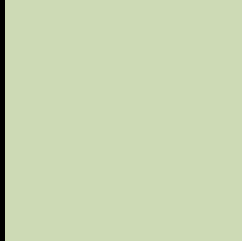
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.8950, -14.2452, -4.2929 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

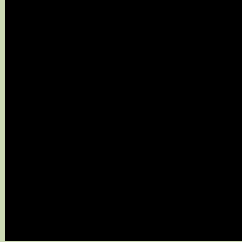
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.8950, -14.2452, -4.2929

## Background



This preview shows how black text looks on a background with the YUV color 209.8950, -14.2452, -4.2929.



This preview shows how white text looks on a background with the YUV color 209.8950, -14.2452, -4.2929.

-4.2929.

# 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

209.8950, -14.2452, -4.2929

### Protanopia

211.7120, -16.6200, 10.7766

### Deuteranopia

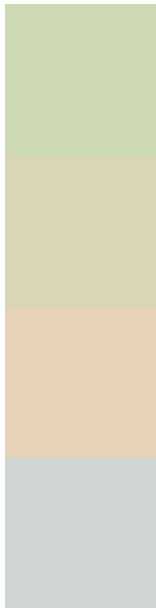
214.2670, -14.9216, 26.0758



## Tritanopia

213.2370, 7.2782, -1.0848

# Trichromacy



## Original Color

209.8950, -14.2452, -4.2929

## Protanomaly

210.9070, -15.7302, 5.3436

## Deuteranomaly

212.9020, -14.7417, 14.9949

## Tritanomaly

212.1630, -0.5734, -2.7740

# Monochromacy



## Original Color

209.8950, -14.2452, -4.2929

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.9090, -5.3781, -1.6742

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.8950, -14.2452, -4.2929 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(205, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 181)  
}
```

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(205, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 181) }
```

## Border

The CSS property to change the border of an element to YUV 209.8950, -14.2452, -4.2929 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(205, 218, 181) }
```



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

```
.border{ border-color:rgb(205, 218, 181) }
```

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

Here you see how a box with a 4 pixel rgb(205, 218, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 209.8950, -14.2452, -4.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 181) }
```

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

```
.background{ background-color: rgb(205,  
218, 181) }
```

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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