

# Converting Colors

YUV(229.9820, -9.3581,  
14.9248)

Have a look what the booklet for  
YUV(229.9820, -9.3581, 14.9248)  
contains.

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# Color

**YUV(229.9820, -9.3581,  
14.9248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E1D3
RGB	247, 225, 211
RGB Percent	97%, 88%, 83%
CMY	0.0314, 0.1176, 0.1725
CMYK	0.00, 0.09, 0.15, 0.03
HSL	23°, 69%, 90%
HSV	23°, 15%, 97%
XYZ	77.0409, 78.3277, 72.6863
YIQ	229.9820, 17.6060, 0.3100

# Conversions

## Conversions Part 2

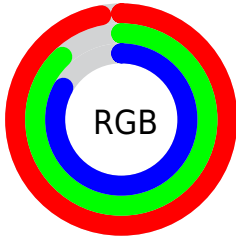
Format	Color
R <sub>Y</sub> B	247, 234, 211
Decimal	16245203
CIE Lab	90.93, 5.29, 9.57
CIE LCh	91, 10.931, 61.061
Yxy	78.3277, 0.3378, 0.3435
Android (android.graphics.Color)	4294435283 (0xFFF7E1D3)
YUV	229.9820, -9.3581, 14.9248
Hunter-Lab	88.5030, 0.5021, 13.2580

# Details

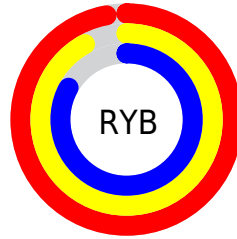
The YUV color  $229.9820, -9.3581, 14.9248$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $228.0180, 9.3581, -14.9248$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $174.3840, -9.0633, 13.6952$  is the 20% darker color. If you saturate the color by 10%, you get  $218.3270, -15.9372, 25.1462$ , and if you desaturate by 10%, it is  $241.6370, -2.7790, 4.7034$ .

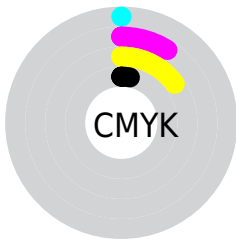
# Distribution



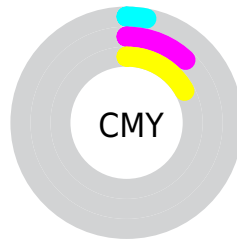
- Red (97%)
- Green (88%)
- Blue (83%)



- Red (97%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.9820, -9.3581, 14.9248 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 229.9820, -9.3581, 14.9248 by changing the saturation by 10% instead.



229.9820, -9.3581,  
14.9248

229.9820, -9.3581,  
14.9248

255.0000, 0.0000,  
0.0000

201.6830, -9.2107,  
14.3100

174.3840, -9.0633,  
13.6952

147.4980, -8.6265,  
13.5953

122.1990, -8.4791,  
12.9805

97.0140, -7.8949,  
12.2657

72.8290, -7.3107,  
11.5510

50.6440, -6.7265,

10.8362

■ 29.0460, -6.4317,  
9.6067

■ 5.0830, -2.5059,  
10.4512

■ 229.9820, -9.3581,  
14.9248

■ 229.9820, -9.3581,  
14.9248

■ 218.3270,  
-15.9372, 25.1462

■ 241.6370, -2.7790,  
4.7034

■ 206.7860,  
-22.0795, 35.2677

■ 252.6080, 1.1793,  
-4.9182

■ 195.1310,  
-28.6586, 45.4891

■ 183.4760,  
-35.2377, 55.7105

■ 171.8210,  
-41.8168, 65.9320

■ 159.6930,  
-47.6696, 76.5682

■ 148.0380,  
-54.2487, 86.7897

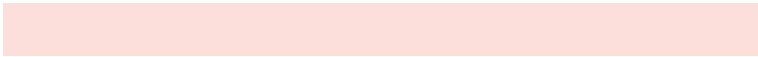
■ 136.3830,  
-60.8278, 97.0111

■ 130.2050,  
-64.1911, 102.4292

# Harmonies

## Analogous

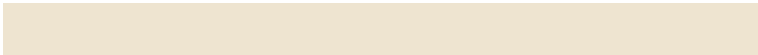
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.2150, -6.0220, 18.2284



229.9820, -9.3581, 14.9248



228.7100, -10.2100, 8.1473

# Triad

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



229.9820, -9.3581, 14.9248



225.6450, 1.6540, -17.2287



230.1880, 8.2883, 1.5891

# Complementary

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



229.9820, -9.3581, 14.9248



228.0180, 9.3581, -14.9248

# 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.



228.9910, 10.3574, -8.7621



229.9820, -9.3581, 14.9248



225.8880, 6.4642, -20.0728

# Square

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



229.9820, -9.3581, 14.9248



226.3100, -3.6038, -10.7959



227.1210, 9.8003, -16.7691



230.8040, 4.0406, 10.6959



# Rectangle

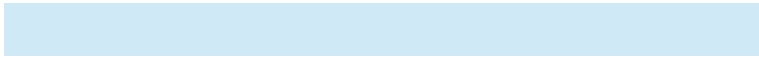
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.9820, -9.3581, 14.9248



228.1930, -9.4621, 1.5847



227.1210, 9.8003, -16.7691



229.3940, 9.1728, -2.0995

# Sweetspot

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



229.9820, -9.3581, 14.9248



250.3380, -2.6316, 4.0886



224.2720, 4.3029, 19.9325



124.8540, -1.9000, 2.7590



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

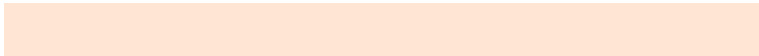


# Same Dimension

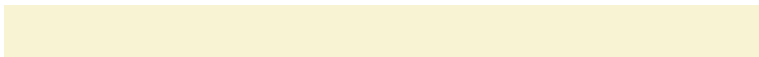
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.9820, -9.3581, 14.9248



234.8360, -11.2581, 17.6838



240.5480, -14.5672, 5.6584



116.5230, -3.2158, 4.8033



97.8780, -48.2539, 77.2830

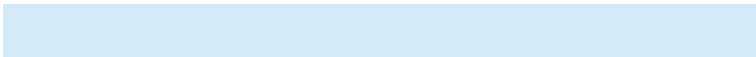


31.1420, -15.3530, 24.4315

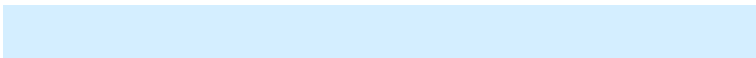


# Inverse Universe

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



228.0180, 9.3581, -14.9248



232.1640, 11.2581, -17.6838



217.4520, 14.5672, -5.6584



116.0640, 2.9264, -5.3181



88.1220, 48.2539, -77.2830

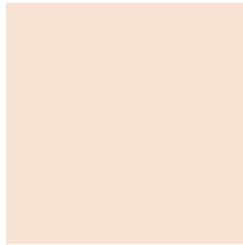


27.8580, 15.3530, -24.4315



# Previews

## White Background



This preview shows how the YUV color 229.9820, -9.3581, 14.9248 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 229.9820, -9.3581, 14.9248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

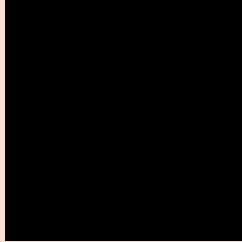
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 229.9820, -9.3581, 14.9248

## Background



This preview shows how black text looks on a background with the YUV color 229.9820, -9.3581, 14.9248.



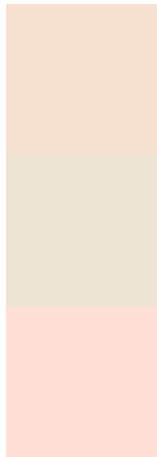
This preview shows how white text looks on a background with the YUV color 229.9820, -9.3581,

14.9248.

# 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

229.9820, -9.3581, 14.9248

### Protanopia

228.9810, -7.8786, 7.0327

### Deuteranopia

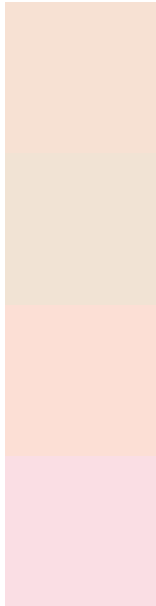
230.9550, -8.3588, 21.0875



## Tritanopia

231.9080, 3.0034, 16.7437

# Trichromacy



## Original Color

229.9820, -9.3581, 14.9248

## Protanomaly

229.4760, -8.6157, 10.1065

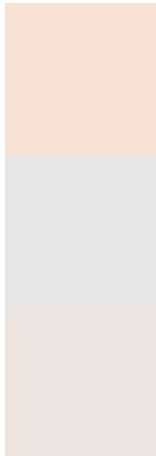
## Deuteranomaly

230.5310, -8.6428, 18.8283

## Tritanomaly

231.0560, -1.5066, 16.6139

# Monochromacy



## Original Color

229.9820, -9.3581, 14.9248

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.8220, -3.3632, 5.4181

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.9820, -9.3581, 14.9248 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(247, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 211)  
}
```

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(247, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 211) }
```

## Border

The CSS property to change the border of an element to YUV 229.9820, -9.3581, 14.9248 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(247, 225, 211) }
```



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

```
.border{ border-color:rgb(247, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 225, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 225, 211); box-shadow:4px 4px 4px 4px rgb(247, 225, 211) }
```

# Background

The CSS property to change the background color of an element to YUV 229.9820, -9.3581, 14.9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 211) }
```

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

```
.background{ background-color: rgb(247,  
225, 211) }
```

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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