

# Converting Colors

YUV(229.4610, -29.3143,  
22.3977)

Have a look what the booklet for  
YUV(229.4610, -29.3143, 22.3977)  
contains.

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# Color

**YUV(229.4610, -29.3143,  
22.3977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE4AA
RGB	255, 228, 170
RGB Percent	100%, 89%, 67%
CMY	0.0000, 0.1059, 0.3333
CMYK	0.00, 0.11, 0.33, 0.00
HSL	41°, 100%, 83%
HSV	41°, 33%, 100%
XYZ	76.2391, 79.6491, 49.3858
YIQ	229.4610, 34.7100, -12.3140

# Conversions

## Conversions Part 2

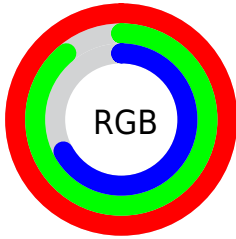
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 255, 170
Decimal	16770218
CIE <sub>Lab</sub>	91.53, 1.09, 31.73
CIE <sub>LCh</sub>	92, 31.745, 88.034
Yxy	79.6491, 0.3714, 0.3880
Android (android.graphics.Color)	4294960298 (0xFFFFE4AA)
YUV	229.4610, -29.3143, 22.3977
Hunter-Lab	89.2463, -3.6966, 29.6634

# Details

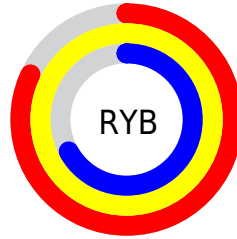
The YUV color  $229.4610, -29.3143, 22.3977$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $195.5390, 29.3143, -22.3977$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.6940, -12.6671, 2.8994$ , and  $173.7920, -27.9985, 20.3534$  is the 20% darker color. If you saturate the color by 10%, you get  $221.9150, -37.9191, 29.0155$ , and if you desaturate by 10%, it is  $237.0070, -20.7095, 15.7799$ .

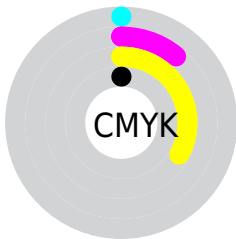
# Distribution



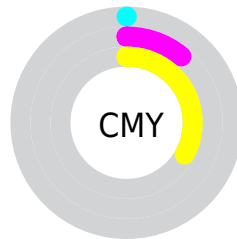
- Red (100%)
- Green (89%)
- Blue (67%)



- Red (82%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.4610, -29.3143, 22.3977 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 229.4610, -29.3143, 22.3977 by changing the saturation by 10% instead.



229.4610,  
-29.3143, 22.3977

229.4610,  
-29.3143, 22.3977

255.0000, 0.0000,  
0.0000

201.2760,  
-28.7301, 21.6829

251.6940,  
-12.6671, 2.8994

173.7920,  
-27.9985, 20.3534

254.8860, -0.4368,  
0.1000

146.7210,  
-26.9775, 19.5387

121.2370,  
-26.2458, 18.2092

95.8670, -25.0774,  
16.7796

71.3830, -24.3458,  
15.4501

48.7850, -24.0510,

14.2206

■ 29.2820, -14.4360,  
10.2767

■ 5.6370, -2.7790,  
4.7034

■ 229.4610,  
-29.3143, 22.3977

■ 229.4610,  
-29.3143, 22.3977

■ 221.9150,  
-37.9191, 29.0155

■ 237.0070,  
-20.7095, 15.7799

■ 214.2550,  
-46.9607, 35.7334

■ 244.6670,  
-11.6678, 9.0620

■ 206.7090,  
-55.5655, 42.3512

■ 252.3270, -2.6262,  
2.3442

■ 199.0490,  
-64.6072, 49.0690

255.0000, 0.0000,  
0.0000

■ 191.3890,  
-73.6488, 55.7868

■ 183.2560,  
-81.9642, 62.9195

■ 178.3830,  
-87.9428, 67.1931

# Harmonies

## Analogous

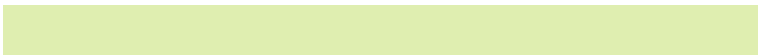
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.7310, -22.0524, 26.5459



229.4610, -29.3143, 22.3977



226.4470, -24.8704, -3.0230

# Triad

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



229.4610, -29.3143, 22.3977



216.2180, 19.1195, -65.9662



230.9330, 11.8650, 21.1068

# Complementary

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



229.4610, -29.3143, 22.3977



195.5390, 29.3143, -22.3977

# 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.



230.2250, 12.2141, 2.4337



229.4610, -29.3143, 22.3977



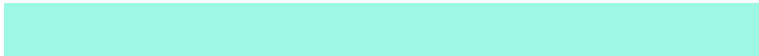
217.1700, 18.6502, -55.4001

# Square

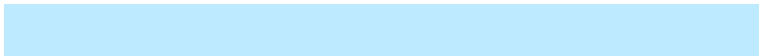
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.4610, -29.3143, 22.3977



218.2120, 4.8255, -54.5599



223.2380, 15.6587, -29.1497



225.6040, 4.1392, 25.7803

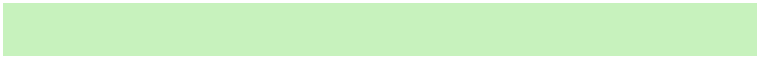


# Rectangle

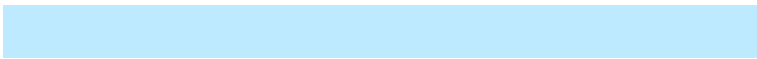
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4610, -29.3143, 22.3977



223.1010, -16.8118, -21.1366



223.2380, 15.6587, -29.1497



232.6940, 10.9969, 19.5624

# Sweetspot

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



229.4610, -29.3143, 22.3977



247.4540, -8.6048, 6.6178



198.6070, -0.2993, 49.4567



123.2410, -5.5418, 4.1736



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

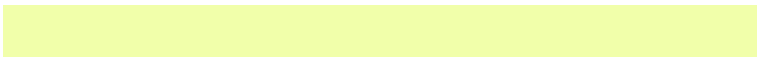
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.4610, -29.3143, 22.3977



224.5880, -35.2929, 26.6713



241.1240, -35.0641, -0.1087



123.5830, -4.2314, 3.8737



134.0060, -66.0650, 49.9837



44.9640, -22.1673, 16.6946



# Inverse Universe

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



195.5390, 29.3143, -22.3977



183.4120, 35.2929, -26.6713



183.8760, 35.0641, 0.1087



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946



# Previews

## White Background



This preview shows how the YUV color 229.4610, -29.3143, 22.3977 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

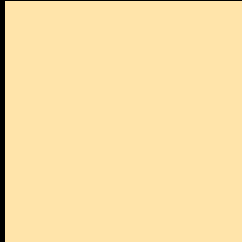
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.4610, -29.3143, 22.3977 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

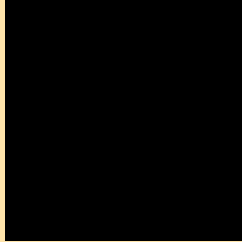
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 229.4610, -29.3143, 22.3977

## Background



This preview shows how black text looks on a background with the YUV color 229.4610, -29.3143, 22.3977.



This preview shows how white text looks on a background with the YUV color 229.4610, -29.3143, 22.3977.



# 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

229.4610, -29.3143, 22.3977

### Protanopia

229.2430, -28.7138, 16.4499

### Deuteranopia

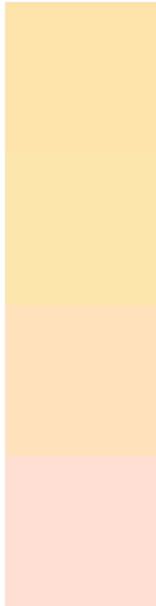
231.7070, -15.6316, 20.4280



## Tritanopia

233.3490, 0.8139, 18.9879

# Trichromacy



## Original Color

229.4610, -29.3143, 22.3977

## Protanomaly

229.5530, -28.8666, 18.8090

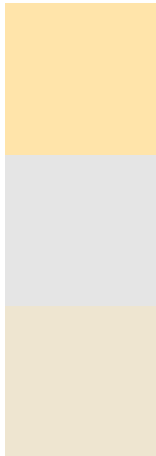
## Deuteranomaly

231.0400, -20.7257, 21.0129

## Tritanomaly

231.7870, -10.2480, 20.3578

# Monochromacy



## Original Color

229.4610, -29.3143, 22.3977

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

229.2970, -10.4994, 7.6325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.4610, -29.3143, 22.3977 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, 228, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 170)  
}
```

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, 228, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 170) }
```

## Border

The CSS property to change the border of an element to YUV 229.4610, -29.3143, 22.3977 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, 228, 170) }
```



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

```
.border{ border-color:rgb(255, 228, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 229.4610, -29.3143, 22.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 170) }
```

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

```
.background{ background-color: rgb(255,  
228, 170) }
```

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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