

# Converting Colors

YUV(225.9900, -34.9981,  
25.4418)

Have a look what the booklet for  
YUV(225.9900, -34.9981, 25.4418)  
contains.

<b>YUV(225.9900, -34.9981, 25.4418)</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(225.9900, -34.9981,  
25.4418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE19B
RGB	255, 225, 155
RGB Percent	100%, 88%, 61%
CMY	0.0000, 0.1176, 0.3922
CMYK	0.00, 0.12, 0.39, 0.00
HSL	42°, 100%, 80%
HSV	42°, 39%, 100%
XYZ	74.0816, 77.4770, 42.0604
YIQ	225.9900, 40.3500, -15.4100

# Conversions

## Conversions Part 2

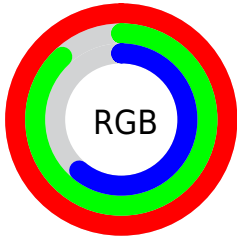
Format	Color
R <sub>Y</sub> B	198, 255, 155
Decimal	16769435
CIE Lab	90.54, 0.92, 38.03
CIE LCh	91, 38.044, 88.619
Yxy	77.4770, 0.3826, 0.4002
Android (android.graphics.Color)	4294959515 (0xFFFFE19B)
YUV	225.9900, -34.9981, 25.4418
Hunter-Lab	88.0210, -3.8048, 33.2833

# Details

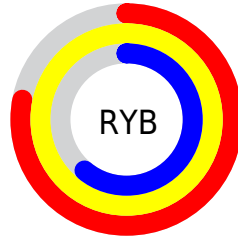
The YUV color **225.9900, -34.9981, 25.4418** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **184.0100, 34.9981, -25.4418**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.8700, -19.6559, 4.4990**, and **170.4350, -33.2455, 23.2975** is the 20% darker color. If you saturate the color by 10%, you get **218.4440, -43.6029, 32.0596**, and if you desaturate by 10%, it is **233.5360, -26.3932, 18.8239**.

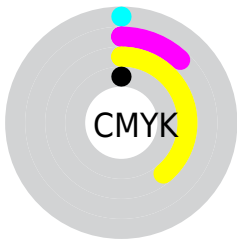
# Distribution



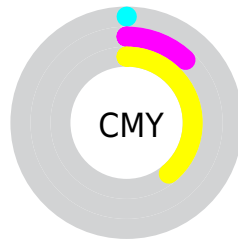
- Red (100%)
- Green (88%)
- Blue (61%)



- Red (78%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (12%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 225.9900, -34.9981, 25.4418 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 225.9900, -34.9981, 25.4418 by changing the saturation by 10% instead.




 225.9900,  
-34.9981, 25.4418


 225.9900,  
-34.9981, 25.4418

255.0000, 0.0000,  
0.0000


 197.9190,  
-33.9771, 24.6270


 249.8700,  
-19.6559, 4.4990


 170.4350,  
-33.2455, 23.2975

 253.1760, -6.9888,  
1.5996

 143.9510,  
-32.5138, 21.9680

 117.5810,  
-31.3454, 20.5385

 92.0970, -30.6138,  
19.2089

 67.8580, -31.4820,  
17.6645

 47.0130, -23.1774,

14.0206

■ 27.2110, -13.4150,  
9.4620

■ 2.0820, -1.0264,  
2.5591

■ 225.9900,  
-34.9981, 25.4418

■ 225.9900,  
-34.9981, 25.4418

■ 218.4440,  
-43.6029, 32.0596

■ 233.5360,  
-26.3932, 18.8239

■ 211.3710,  
-52.9339, 38.2626

■ 240.6090,  
-17.0622, 12.6209

■ 203.8250,  
-61.5387, 44.8805

■ 248.2690, -8.0206,  
5.9031

■ 196.1650,  
-70.5803, 51.5983

255.0000, 0.0000,  
0.0000

■ 189.0920,  
-79.9114, 57.8013

■ 181.5460,  
-88.5162, 64.4192

■ 181.3180,  
-89.3898, 64.6191

# Harmonies

## Analogous

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



220.3140, -26.2838, 30.4196



225.9900, -34.9981, 25.4418



221.9970, -29.0855, -4.3824

# Triad

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



225.9900, -34.9981, 25.4418



206.6500, 23.8365, -85.6391



226.8240, 13.8908, 24.7104

# Complementary

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



225.9900, -34.9981, 25.4418



184.0100, 34.9981, -25.4418

# 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.



226.6920, 13.9558, 3.7781



225.9900, -34.9981, 25.4418



209.3960, 22.4828, -71.3843

# Square

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



225.9900, -34.9981, 25.4418



210.9930, 6.9055, -68.3999



218.1770, 18.1537, -36.1122



220.5660, 5.1440, 30.1986

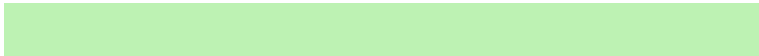


# Rectangle

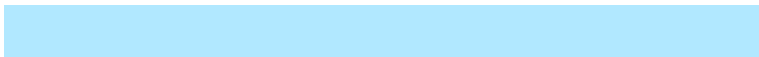
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.9900, -34.9981, 25.4418



218.9710, -19.7057, -26.2846



218.1770, 18.1537, -36.1122



229.1720, 12.7332, 22.6512

# Sweetspot

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



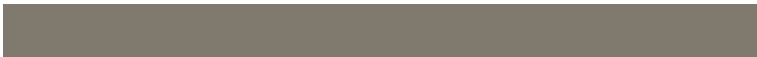
225.9900, -34.9981, 25.4418



246.1830, -10.9362, 7.7325



188.3200, -1.6368, 58.4784



122.4260, -6.1260, 4.8884



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

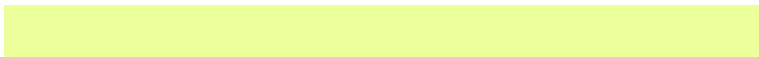
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.9900, -34.9981, 25.4418



220.1880, -41.9977, 30.5301



237.6200, -40.7317, -2.2977



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798



# Inverse Universe

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



184.0100, 34.9981, -25.4418



169.8120, 41.9977, -30.5301



172.3800, 40.7317, 2.2977



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798



# Previews

## White Background



This preview shows how the YUV color 225.9900, -34.9981, 25.4418 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 225.9900, -34.9981, 25.4418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

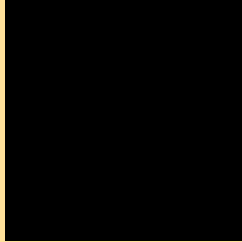
Any Text WCAG AA ✓ Pass

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 225.9900, -34.9981, 25.4418 Background



This preview shows how black text looks on a background with the YUV color 225.9900, -34.9981, 25.4418.



This preview shows how white text looks on a background with the YUV color 225.9900, -34.9981, 25.4418.



# 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

225.9900, -34.9981, 25.4418

### Protanopia

225.4730, -34.2502, 18.8792

### Deuteranopia

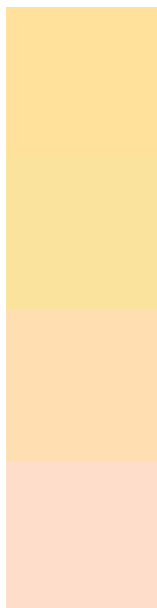
228.2190, -18.8420, 23.4869



## Tritanopia

230.5450, 0.2243, 21.4470

# Trichromacy



## Original Color

225.9900, -34.9981, 25.4418

## Protanomaly

225.7830, -34.4030, 21.2383

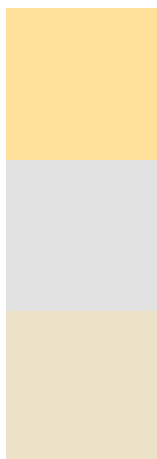
## Deuteranomaly

227.3240, -24.8097, 24.2719

## Tritanomaly

229.1140, -12.8742, 22.7020

# Monochromacy



## Original Color

225.9900, -34.9981, 25.4418

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

226.3250, -12.9782, 9.3620

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.9900, -34.9981, 25.4418 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, 225, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 155)  
}
```

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, 225, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 155) }
```

## Border

The CSS property to change the border of an element to YUV 225.9900, -34.9981, 25.4418 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, 225, 155) }
```



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

```
.border{ border-color:rgb(255, 225, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 225.9900, -34.9981, 25.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 155) }
```

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

```
.background{ background-color: rgb(255,  
225, 155) }
```

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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