

# Converting Colors

YUV(219.1910, -33.1252,  
31.4045)

Have a look what the booklet for  
YUV(219.1910, -33.1252, 31.4045)  
contains.

<b>YUV(219.1910, -33.1252, 31.4045)</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(219.1910, -33.1252,  
31.4045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD698
RGB	255, 214, 152
RGB Percent	100%, 84%, 60%
CMY	0.0000, 0.1608, 0.4039
CMYK	0.00, 0.16, 0.40, 0.00
HSL	36°, 100%, 80%
HSV	36°, 40%, 100%
XYZ	70.9541, 71.6201, 39.7901
YIQ	219.1910, 44.3380, -10.5900

# Conversions

## Conversions Part 2

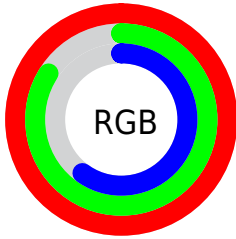
Format	Color
<a href="#">RYB</a>	<a href="#">220, 255, 152</a>
Decimal	<a href="#">16766616</a>
CIELab	<a href="#">87.79, 6.22, 35.95</a>
CIELCh	<a href="#">88, 36.487, 80.177</a>
Yxy	<a href="#">71.6201, 0.3891, 0.3927</a>
Android (android.graphics.Color)	<a href="#">4294956696</a> ( <a href="#">0xFFFFD698</a> )
YUV	<a href="#">219.1910, -33.1252, 31.4045</a>
Hunter-Lab	<a href="#">84.6287, 1.5571, 31.3635</a>

# Details

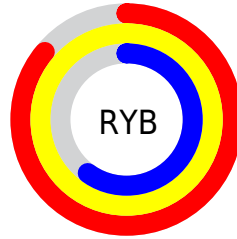
The YUV color  $219.1910, -33.1252, 31.4045$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $187.8090, 33.1252, -31.4045$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.5280, -20.9663, 4.7989$ , and  $163.6360, -31.3725, 29.2602$  is the 20% darker color. If you saturate the color by 10%, you get  $210.4710, -41.1512, 39.0519$ , and if you desaturate by 10%, it is  $228.0250, -24.6623, 23.6571$ .

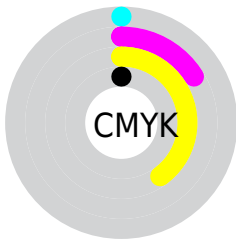
# Distribution



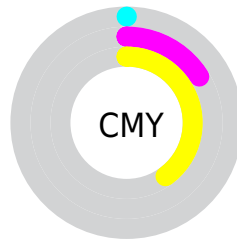
- Red (100%)
- Green (84%)
- Blue (60%)



- Red (86%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.1910, -33.1252, 31.4045 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 219.1910, -33.1252, 31.4045 by changing the saturation by 10% instead.



219.1910,  
-33.1252, 31.4045

219.1910,  
-33.1252, 31.4045

255.0000, 0.0000,  
0.0000

191.1200,  
-32.1042, 30.5898

249.5280,  
-20.9663, 4.7989

163.6360,  
-31.3725, 29.2602

252.7200, -8.7360,  
1.9996

136.8530,  
-30.4935, 27.3159

111.4830,  
-29.3251, 25.8864

86.5860, -28.8829,  
24.0421

62.1620, -29.1669,  
21.7829

41.4310, -20.4255,

18.0390

■ 22.2160, -10.9525,  
12.9656

■ 0.0000, 0.0000,  
0.0000

■ 219.1910,  
-33.1252, 31.4045

■ 219.1910,  
-33.1252, 31.4045

■ 210.4710,  
-41.1512, 39.0519

■ 228.0250,  
-24.6623, 23.6571

■ 201.6370,  
-49.6140, 46.7994

■ 236.7450,  
-16.6363, 16.0096

■ 192.9170,  
-57.6401, 54.4468

■ 245.5790, -8.1734,  
8.2622

■ 183.4960,  
-65.8135, 62.7090

254.8860, -0.4368,  
0.1000

■ 174.6620,  
-74.2764, 70.4564

255.0000, 0.0000,  
0.0000

■ 166.0560,  
-81.8656, 78.0039

# Harmonies

## Analogous

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



214.5580, -22.9531, 35.4676



219.1910, -33.1252, 31.4045



215.4110, -30.2756, 4.0246

# Triad

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



219.1910, -33.1252, 31.4045



201.1840, 20.6153, -79.0914



223.8780, 15.3431, 25.5400

# Complementary

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



219.1910, -33.1252, 31.4045



187.8090, 33.1252, -31.4045

# 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.



217.7660, 18.3564, -7.6878



219.1910, -33.1252, 31.4045



201.6990, 26.2774, -75.1580

# Square

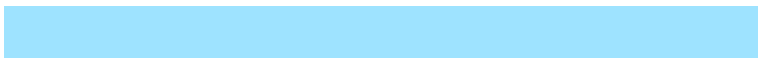
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.1910, -33.1252, 31.4045



206.0500, 0.4684, -57.0488



209.5610, 22.4014, -45.2190



217.2720, 7.7539, 33.0875



# Rectangle

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



219.1910, -33.1252, 31.4045



212.5270, -22.9378, -16.2482



209.5610, 22.4014, -45.2190



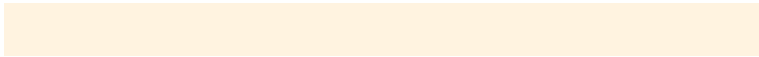
222.3390, 16.1019, 15.4887

# Sweetspot

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



219.1910, -33.1252, 31.4045



244.4220, -10.0680, 9.2769



187.4710, 2.7258, 59.2229



121.2520, -5.5472, 5.9180



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.



219.1910, -33.1252, 31.4045



212.3290, -39.1092, 37.4225



240.2680, -43.5161, 4.1500



122.9960, -3.9420, 4.3885



124.6140, -61.4347, 58.2205



41.4420, -20.4309, 19.7834



# Inverse Universe

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



187.8090, 33.1252, -31.4045



175.0840, 39.3986, -36.9077



166.7320, 43.5161, -4.1500



119.4170, 4.2314, -3.8737



66.3860, 61.4347, -58.2205



21.9710, 20.7203, -19.2686



# Previews

## White Background



This preview shows how the YUV color 219.1910, -33.1252, 31.4045 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

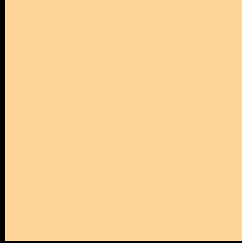
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.1910, -33.1252, 31.4045 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

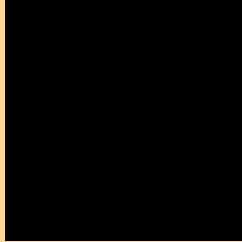
Any Text WCAG AA ✓ Pass

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 219.1910, -33.1252, 31.4045 Background



This preview shows how black text looks on a background with the YUV color 219.1910, -33.1252, 31.4045.



This preview shows how white text looks on a background with the YUV color 219.1910, -33.1252, 31.4045.



# 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

219.1910, -33.1252, 31.4045

### Protanopia

217.9720, -31.0452, 17.5646

### Deuteranopia

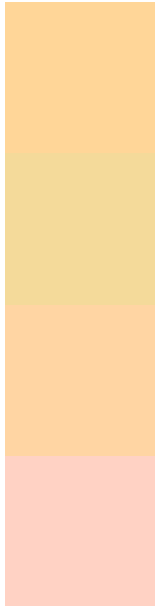
220.5420, -25.4102, 30.2197



## Tritanopia

223.5350, -1.2498, 27.5948

# Trichromacy



## Original Color

219.1910, -33.1252, 31.4045

## Protanomaly

218.4780, -31.7877, 22.3828

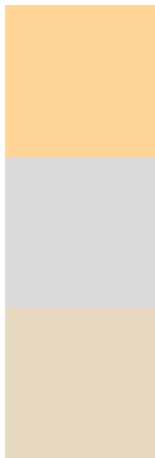
## Deuteranomaly

219.8580, -28.0310, 30.8195

## Tritanomaly

221.8590, -12.7485, 29.0647

# Monochromacy



## Original Color

219.1910, -33.1252, 31.4045

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

218.9770, -11.8207, 11.4212

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.1910, -33.1252, 31.4045 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, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 152)  
}
```

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, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 152) }
```

## Border

The CSS property to change the border of an element to YUV 219.1910, -33.1252, 31.4045 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, 214, 152) }
```



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

```
.border{ border-color:rgb(255, 214, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 219.1910, -33.1252, 31.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 152) }
```

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

```
.background{ background-color: rgb(255,  
214, 152) }
```

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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