

# Converting Colors

YUV(210.9100, -20.1686,  
29.0199)

Have a look what the booklet for  
YUV(210.9100, -20.1686, 29.0199)  
contains.

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# Color

**YUV(210.9100, -20.1686,  
29.0199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4CAA
RGB	244, 202, 170
RGB Percent	96%, 79%, 67%
CMY	0.0431, 0.2078, 0.3333
CMYK	0.00, 0.17, 0.30, 0.04
HSL	26°, 77%, 81%
HSV	26°, 30%, 96%
XYZ	65.6845, 64.3764, 46.9942
YIQ	210.9100, 35.3040, -1.0480

# Conversions

## Conversions Part 2

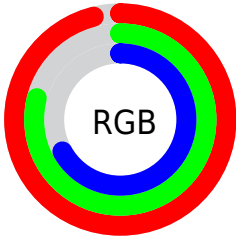
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 226, 170
Decimal	16042666
CIE <sub>Lab</sub>	84.16, 10.33, 21.55
CIE <sub>LCh</sub>	84, 23.895, 64.394
Yxy	64.3764, 0.3710, 0.3636
Android (android.graphics.Color)	4294232746 (0xFFF4CAAA)
YUV	210.9100, -20.1686, 29.0199
Hunter-Lab	80.2349, 5.7182, 21.4379

# Details

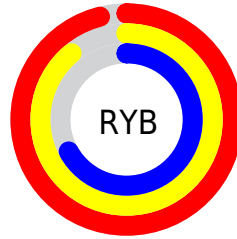
The YUV color  $210.9100, -20.1686, 29.0199$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $203.0900, 20.1686, -29.0199$ , and the grayscale version is  $211.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.5800, -13.1039, 2.9993$ , and  $156.2410, -18.8528, 26.9756$  is the 20% darker color. If you saturate the color by 10%, you get  $199.9560, -26.6003, 38.6266$ , and if you desaturate by 10%, it is  $221.8640, -13.7370, 19.4133$ .

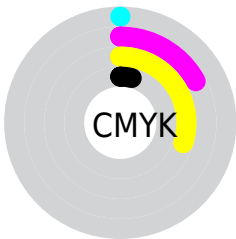
# Distribution



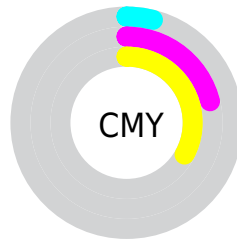
- Red (96%)
- Green (79%)
- Blue (67%)



- Red (96%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.9100, -20.1686, 29.0199 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 210.9100, -20.1686, 29.0199 by changing the saturation by 10% instead.



210.9100,  
-20.1686, 29.0199

210.9100,  
-20.1686, 29.0199

255.0000, 0.0000,  
0.0000

183.3120,  
-19.8738, 27.7904

251.5800,  
-13.1039, 2.9993

156.2410,  
-18.8528, 26.9756

254.8860, -0.4368,  
0.1000

129.7570,  
-18.1212, 25.6461

104.2730,  
-17.3896, 24.3166

80.3760, -16.9474,  
22.4722

56.7070, -15.6316,  
20.4280

34.3540, -16.9365,

18.9835

■ 13.3890, -6.6008,  
17.1988

■ 0.0000, 0.0000,  
0.0000

■ 210.9100,  
-20.1686, 29.0199

■ 210.9100,  
-20.1686, 29.0199

■ 199.9560,  
-26.6003, 38.6266

■ 221.8640,  
-13.7370, 19.4133

■ 188.8880,  
-33.4688, 48.3332

■ 232.9320, -6.8685,  
9.7066

■ 177.9340,  
-39.9005, 57.9399

■ 243.8860, -0.4368,  
0.1000

■ 167.4530,  
-47.0583, 67.1317

■ 251.7110, 1.6215,  
-6.7625

■ 156.4990,  
-53.4900, 76.7384

■ 145.5450,  
-59.9217, 86.3450

■ 135.1780,  
-66.6428, 95.4369

# Harmonies

## Analogous

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



212.3870, -13.5018, 37.3716



210.9100, -20.1686, 29.0199



208.4690, -21.4302, 13.6207

# Triad

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



210.9100, -20.1686, 29.0199



201.2290, 5.8031, -41.4198



212.5010, 17.0080, 4.8226

# Complementary

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



210.9100, -20.1686, 29.0199



203.0900, 20.1686, -29.0199

# 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.



209.0250, 22.1727, -18.4389



210.9100, -20.1686, 29.0199



201.3560, 16.5865, -46.7932

# Square

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



210.9100, -20.1686, 29.0199



203.1140, -6.4652, -26.4100



204.6050, 22.3797, -38.2416



214.2170, 7.7810, 24.3657



# Rectangle

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



210.9100, -20.1686, 29.0199



206.7770, -18.6241, 0.1956



204.6050, 22.3797, -38.2416



211.7280, 19.3611, -3.2695

# Sweetspot

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



210.9100, -20.1686, 29.0199



244.7470, -6.2843, 8.9919



197.0280, 7.8742, 41.1944



121.5940, -4.2368, 5.6181



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.



210.9100, -20.1686, 29.0199



213.9880, -25.1371, 35.9675



232.0420, -30.5867, 10.4872



116.5230, -3.2158, 4.8033



102.5740, -50.5690, 73.1646



32.3160, -15.9318, 23.4019

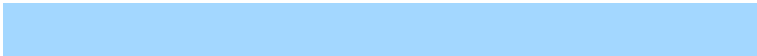


# Inverse Universe

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



203.0900, 20.1686, -29.0199



204.0120, 25.1371, -35.9675



181.9580, 30.5867, -10.4872



115.4770, 3.2158, -4.8033



83.4260, 50.5690, -73.1646



26.0970, 16.2212, -22.8871



# Previews

## White Background



This preview shows how the YUV color 210.9100, -20.1686, 29.0199 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 210.9100, -20.1686, 29.0199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

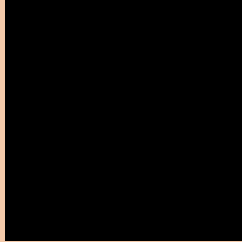
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 210.9100, -20.1686, 29.0199

## Background



This preview shows how black text looks on a background with the YUV color 210.9100, -20.1686, 29.0199.



This preview shows how white text looks on a background with the YUV color 210.9100, -20.1686, 29.0199.



# 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

210.9100, -20.1686, 29.0199

### Protanopia

209.4840, -17.4936, 10.9765

### Deuteranopia

210.9100, -20.1686, 29.0199



## Tritanopia

213.5570, -1.2606, 31.0835

# Trichromacy



## Original Color

210.9100, -20.1686, 29.0199

## Protanomaly

210.0010, -18.2415, 17.5391

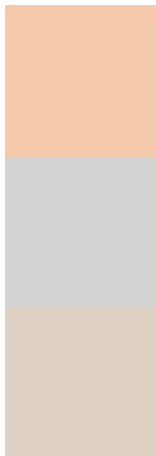
## Deuteranomaly

210.9100, -20.1686, 29.0199

## Tritanomaly

212.4230, -8.0965, 30.3240

# Monochromacy



## Original Color

210.9100, -20.1686, 29.0199

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

211.1170, -7.4527, 10.4214

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.9100, -20.1686, 29.0199 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(244, 202, 170)` looks like.

```
.text, #text, p{  
    color:rgb(244, 202, 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(244, 202, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 202, 170) }
```

## Border

The CSS property to change the border of an element to YUV 210.9100, -20.1686, 29.0199 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(244, 202, 170) }
```



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

```
.border{ border-color:rgb(244, 202, 170) }
```

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

Here you see how a box with a 4 pixel rgb(244, 202, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 202, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 202, 170);  
box-shadow:4px 4px 4px 4px rgb(244, 202,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 210.9100, -20.1686, 29.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 202, 170) }
```

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

```
.background{ background-color: rgb(244,  
202, 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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