

# Converting Colors

YUV(210.4560, -28.3258,  
32.0491)

Have a look what the booklet for  
YUV(210.4560, -28.3258, 32.0491)  
contains.

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# Color

**YUV(210.4560, -28.3258,  
32.0491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CB99
RGB	247, 203, 153
RGB Percent	97%, 80%, 60%
CMY	0.0314, 0.2039, 0.4000
CMYK	0.00, 0.18, 0.38, 0.03
HSL	32°, 85%, 78%
HSV	32°, 38%, 97%
XYZ	65.4635, 64.7859, 39.1916
YIQ	210.4560, 42.2740, -6.2220

# Conversions

## Conversions Part 2

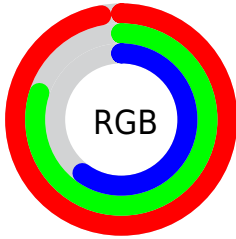
Format	Color
R <sub>Y</sub> B	236, 247, 153
Decimal	16239513
CIE Lab	84.37, 8.92, 30.79
CIE LCh	84, 32.054, 73.848
Yxy	64.7859, 0.3863, 0.3824
Android (android.graphics.Color)	4294429593 (0xFFFF7CB99)
YUV	210.4560, -28.3258, 32.0491
Hunter-Lab	80.4897, 4.3197, 27.4736

# Details

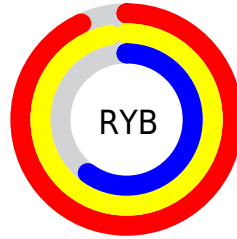
The YUV color  $210.4560, -28.3258, 32.0491$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $189.5440, 28.3258, -32.0491$ , and the grayscale version is  $211.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.6420, -20.5295, 4.6990$ , and  $155.4880, -26.8626, 29.3900$  is the 20% darker color. If you saturate the color by 10%, you get  $200.5620, -35.7731, 40.7261$ , and if you desaturate by 10%, it is  $220.3500, -20.8785, 23.3721$ .

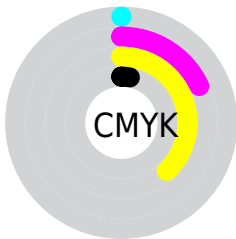
# Distribution



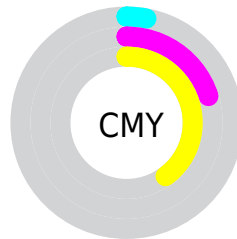
- Red (97%)
- Green (80%)
- Blue (60%)



- Red (93%)
- Yellow (97%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.4560, -28.3258, 32.0491 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 210.4560, -28.3258, 32.0491 by changing the saturation by 10% instead.



210.4560,  
-28.3258, 32.0491

210.4560,  
-28.3258, 32.0491

255.0000, 0.0000,  
0.0000

182.9720,  
-27.5942, 30.7196

249.6420,  
-20.5295, 4.6990

155.4880,  
-26.8626, 29.3900

252.8340, -8.2992,  
1.8996

129.1180,  
-25.6942, 27.9605

103.6340,  
-24.9626, 26.6310

79.5520, -23.9361,  
24.0719

55.6550, -23.4939,  
22.2276

34.9410, -17.2259,

18.4687

■ 14.2640, -7.0322,  
15.5545

■ 0.0000, 0.0000,  
0.0000

■ 210.4560,  
-28.3258, 32.0491

■ 210.4560,  
-28.3258, 32.0491

■ 200.5620,  
-35.7731, 40.7261

■ 220.3500,  
-20.8785, 23.3721

■ 191.3690,  
-43.0729, 48.7884

■ 229.5430,  
-13.5787, 15.3098

■ 181.4750,  
-50.5202, 57.4654

■ 239.4370, -6.1314,  
6.6328

■ 172.1680,  
-58.2568, 65.6277

■ 248.7440, 1.6052,  
-1.5295

■ 162.2740,  
-65.7041, 74.3047

■ 252.6080, 1.1793,  
-4.9182

■ 153.0810,  
-73.0039, 82.3670

■ 150.7500,  
-74.3197, 84.4112

# Harmonies

## Analogous

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



209.5030, -19.4750, 39.9009



210.4560, -28.3258, 32.0491



207.4270, -27.8185, 9.2725

# Triad

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



210.4560, -28.3258, 32.0491



195.5620, 14.0199, -63.6369



214.5500, 19.4489, 15.3037

# Complementary

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



210.4560, -28.3258, 32.0491



189.5440, 28.3258, -32.0491

# 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.



209.1610, 22.5986, -15.0502



210.4560, -28.3258, 32.0491



196.8680, 26.6871, -66.5362

# Square

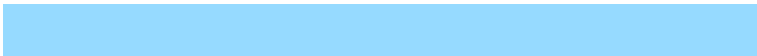
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.4560, -28.3258, 32.0491



199.5140, -3.2114, -43.4238



201.8860, 26.1852, -45.5040



213.7670, 7.0169, 36.1613



# Rectangle

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



210.4560, -28.3258, 32.0491



205.3970, -22.3807, -8.2412



201.8860, 26.1852, -45.5040



212.8370, 20.7864, 6.2820

# Sweetspot

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



210.4560, -28.3258, 32.0491



244.1770, -8.4683, 9.4918



186.2360, 5.7997, 53.2900



121.3660, -5.1104, 5.8180



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.



210.4560, -28.3258, 32.0491



209.3770, -35.1889, 40.0114



235.6860, -40.7642, 8.1684



117.6970, -3.7946, 3.7737



113.7270, -56.0674, 63.3834



35.8380, -17.6681, 20.3131



# Inverse Universe

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



189.5440, 28.3258, -32.0491



183.6230, 35.1889, -40.0114



164.3140, 40.7642, -8.1684



114.8900, 3.5052, -4.2885



72.2730, 56.0674, -63.3834



22.5750, 17.9575, -19.7983



# Previews

## White Background



This preview shows how the YUV color 210.4560, -28.3258, 32.0491 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

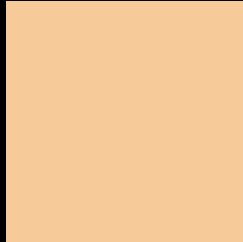
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.4560, -28.3258, 32.0491 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

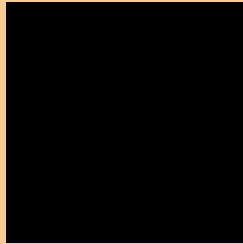
Any Text WCAG AA ✓ Pass

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 210.4560, -28.3258, 32.0491 Background



This preview shows how black text looks on a background with the YUV color 210.4560, -28.3258, 32.0491.



This preview shows how white text looks on a background with the YUV color 210.4560, -28.3258, 32.0491.



# 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

210.4560, -28.3258, 32.0491

### Protanopia

209.2150, -26.2350, 14.7204

### Deuteranopia

210.7660, -28.4786, 34.4082



## Tritanopia

214.0520, -1.9976, 34.1574

# Trichromacy



## Original Color

210.4560, -28.3258, 32.0491

## Protanomaly

209.7320, -26.9829, 21.2830

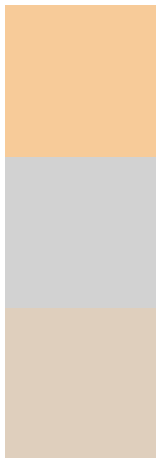
## Deuteranomaly

210.4670, -28.3312, 33.7934

## Tritanomaly

212.8210, -11.7438, 33.4830

# Monochromacy



## Original Color

210.4560, -28.3258, 32.0491

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.7320, -10.2209, 11.6360

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.4560, -28.3258, 32.0491 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, 203, 153)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 153)  
}
```

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, 203, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 153) }
```

## Border

The CSS property to change the border of an element to YUV 210.4560, -28.3258, 32.0491 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, 203, 153) }
```



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

```
.border{ border-color:rgb(247, 203, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 203, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 203, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 203, 153); box-shadow:4px 4px 4px 4px rgb(247, 203, 153) }
```

# Background

The CSS property to change the background color of an element to YUV 210.4560, -28.3258, 32.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 153) }
```

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

```
.background{ background-color: rgb(247,  
203, 153) }
```

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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