

Converting Colors

YUV(209.5810, -27.8944,
33.6935)

Have a look what the booklet for
YUV(209.5810, -27.8944, 33.6935)
contains.

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Color

**YUV(209.5810, -27.8944,
33.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C999
RGB	248, 201, 153
RGB Percent	97%, 79%, 60%
CMY	0.0275, 0.2118, 0.4000
CMYK	0.00, 0.19, 0.38, 0.03
HSL	30°, 87%, 79%
HSV	30°, 38%, 97%
XYZ	65.3478, 64.0297, 39.0517
YIQ	209.5810, 43.4200, -4.9640

Conversions

Conversions Part 2

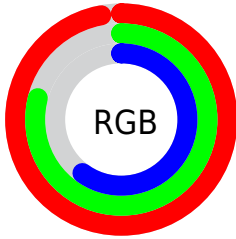
Format	Color
R _Y B	246, 248, 153
Decimal	16304537
CIE Lab	83.98, 10.35, 30.28
CIE LCh	84, 32.002, 71.136
Yxy	64.0297, 0.3880, 0.3802
Android (android.graphics.Color)	4294494617 (0xFFFF8C999)
YUV	209.5810, -27.8944, 33.6935
Hunter-Lab	80.0185, 5.7411, 27.0774

Details

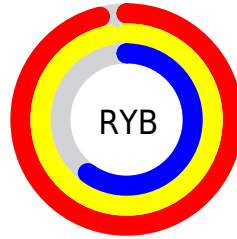
The YUV color $209.5810, -27.8944, 33.6935$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $191.4190, 27.8944, -33.6935$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, -20.5295, 4.6990$, and $154.6130, -26.4312, 31.0344$ is the 20% darker color. If you saturate the color by 10%, you get $199.6870, -35.3417, 42.3705$, and if you desaturate by 10%, it is $219.4750, -20.4472, 25.0164$.

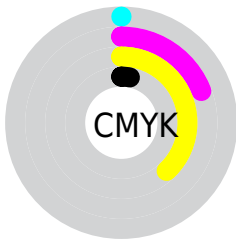
Distribution



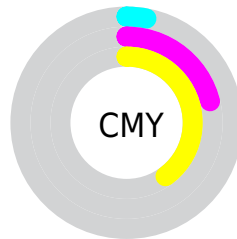
- Red (97%)
- Green (79%)
- Blue (60%)



- Red (96%)
- Yellow (97%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5810, -27.8944, 33.6935 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 209.5810, -27.8944, 33.6935 by changing the saturation by 10% instead.

209.5810,
-27.8944, 33.6935

209.5810,
-27.8944, 33.6935

255.0000, 0.0000,
0.0000

182.0970,
-27.1628, 32.3639

249.6420,
-20.5295, 4.6990

154.6130,
-26.4312, 31.0344

252.8340, -8.2992,
1.8996

128.2430,
-25.2628, 29.6049

103.1610,
-24.2364, 27.0458

78.6770, -23.5048,
25.7163

54.7800, -23.0625,
23.8719

34.0660, -16.7945,

20.1131

■ 13.3890, -6.6008,
17.1988

■ 0.0000, 0.0000,
0.0000

■ 209.5810,
-27.8944, 33.6935

■ 209.5810,
-27.8944, 33.6935

■ 199.6870,
-35.3417, 42.3705

■ 219.4750,
-20.4472, 25.0164

■ 189.2060,
-42.4996, 51.5623

■ 229.9560,
-13.2893, 15.8246

■ 179.4260,
-49.5100, 60.1394

■ 239.7360, -6.2788,
7.2475

■ 169.5320,
-56.9573, 68.8164

■ 249.6300, 1.1684,
-1.4295

■ 159.6380,
-64.4045, 77.4935

■ 252.9070, 1.0318,
-4.3034

■ 149.1570,
-71.5624, 86.6853

■ 147.5270,
-72.7308, 88.1148

Harmonies

Analogous

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



208.4430, -18.4594, 40.8305



209.5810, -27.8944, 33.6935



206.7370, -27.9713, 11.6317

Triad

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



209.5810, -27.8944, 33.6935



194.8180, 12.4147, -62.1074



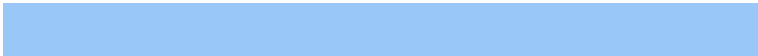
213.4680, 20.4753, 12.7446

Complementary

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



209.5810, -27.8944, 33.6935



191.4190, 27.8944, -33.6935

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.



207.0790, 23.6251, -17.6093



209.5810, -27.8944, 33.6935



195.3410, 25.9609, -66.9511

Square

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



209.5810, -27.8944, 33.6935



199.0690, -4.9640, -41.2795



200.3910, 26.9222, -48.5779



213.9950, 7.8905, 35.9614

Rectangle

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



209.5810, -27.8944, 33.6935



204.4790, -23.4071, -5.6821



200.3910, 26.9222, -48.5779



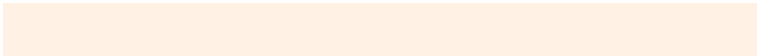
211.3420, 21.5234, 3.2081

Sweetspot

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



209.5810, -27.8944, 33.6935



243.5900, -8.1789, 10.0066



186.8770, 6.9626, 53.6049



120.7790, -4.8210, 6.3328



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.



209.5810, -27.8944, 33.6935



207.6160, -34.3207, 41.5558



237.1700, -41.4958, 9.4979



119.9960, -3.9420, 4.3885



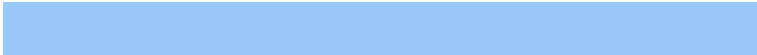
112.2760, -55.3521, 67.2869



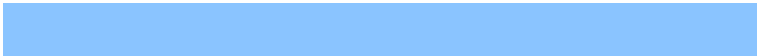
36.4360, -17.9629, 21.5426

Inverse Universe

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



191.4190, 27.8944, -33.6935



185.3840, 34.3207, -41.5558



163.8300, 41.4958, -9.4979



117.5910, 3.6526, -4.9033



76.1370, 55.6415, -66.7721



24.5640, 17.9629, -21.5426

Previews

White Background



This preview shows how the YUV color 209.5810, -27.8944, 33.6935 looks on a white background.

Color Contrast Check

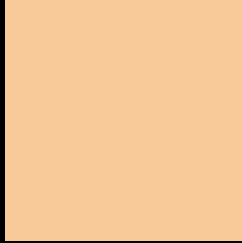
Large Text (above 18pt) WCAG AA × Fail

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 209.5810, -27.8944, 33.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

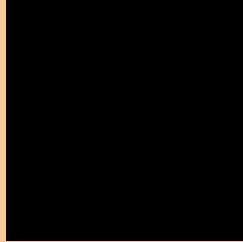
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.5810, -27.8944, 33.6935

Background



This preview shows how black text looks on a background with the YUV color 209.5810, -27.8944, 33.6935.



This preview shows how white text looks on a background with the YUV color 209.5810, -27.8944,

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

209.5810, -27.8944, 33.6935

Protanopia

207.8560, -25.0720, 15.0353

Deuteranopia

209.5810, -27.8944, 33.6935



Tritanopia

213.6500, -2.2925, 35.3869

Trichromacy



Original Color

209.5810, -27.8944, 33.6935

Protanomaly

208.3730, -25.8199, 21.5979

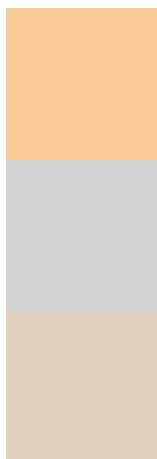
Deuteranomaly

209.5810, -27.8944, 33.6935

Tritanomaly

212.5330, -11.6018, 34.6126

Monochromacy



Original Color

209.5810, -27.8944, 33.6935

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0310, -10.3683, 12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5810, -27.8944, 33.6935 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(248, 201, 153)` looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 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(248, 201, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 153) }
```

Border

The CSS property to change the border of an element to YUV 209.5810, -27.8944, 33.6935 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(248, 201, 153) }
```


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

```
.border{ border-color:rgb(248, 201, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 201, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 201, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 201, 153);  
box-shadow:4px 4px 4px 4px rgb(248, 201,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 209.5810, -27.8944, 33.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 153) }
```

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

```
.background{ background-color: rgb(248,  
201, 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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