

# Converting Colors

YUV(218.1210, -37.0347,  
25.3269)

Have a look what the booklet for  
YUV(218.1210, -37.0347, 25.3269)  
contains.

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# Color

**YUV(218.1210, -37.0347,  
25.3269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DA8F
RGB	247, 218, 143
RGB Percent	97%, 85%, 56%
CMY	0.0314, 0.1451, 0.4392
CMYK	0.00, 0.12, 0.42, 0.03
HSL	43°, 87%, 76%
HSV	43°, 42%, 97%
XYZ	68.3871, 71.9001, 36.2603
YIQ	218.1210, 41.3590, -17.1770

# Conversions

## Conversions Part 2

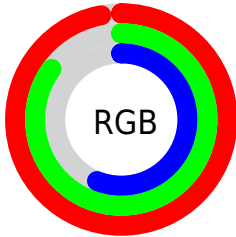
Format	Color
R <sub>Y</sub> B	183, 247, 143
Decimal	16243343
CIE Lab	87.92, 0.11, 40.54
CIE LCh	88, 40.544, 89.851
Yxy	71.9001, 0.3874, 0.4073
Android (android.graphics.Color)	4294433423 (0xFFFF7DA8F)
YUV	218.1210, -37.0347, 25.3269
Hunter-Lab	84.7939, -4.4275, 34.0017

# Details

The YUV color  $218.1210, -37.0347, 25.3269$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $171.8790, 37.0347, -25.3269$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.5020, -24.8975, 5.6987$ , and  $162.5660, -35.2820, 23.1826$  is the 20% darker color. If you saturate the color by 10%, you get  $211.1620, -45.9289, 31.4299$ , and if you desaturate by 10%, it is  $225.0800, -28.1404, 19.2238$ .

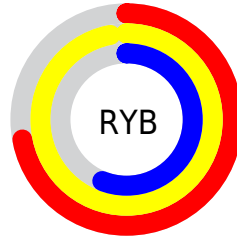
# Distribution



Red (97%)

Green (85%)

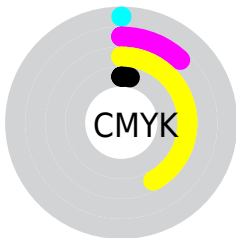
Blue (56%)



Red (72%)

Yellow (97%)

Blue (56%)

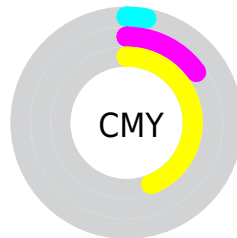


Cyan (0%)

Magenta (12%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (15%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.1210, -37.0347, 25.3269 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 218.1210, -37.0347, 25.3269 by changing the saturation by 10% instead.



218.1210,  
-37.0347, 25.3269

218.1210,  
-37.0347, 25.3269

255.0000, 0.0000,  
0.0000

190.0500,  
-36.0136, 24.5122

248.5020,  
-24.8975, 5.6987

162.5660,  
-35.2820, 23.1826

251.6940,  
-12.6671, 2.8994

136.1960,  
-34.1136, 21.7531

110.2990,  
-33.6714, 19.9088

85.5870, -33.8134,  
18.7792

61.7870, -30.4610,  
16.8498

41.6860, -20.5512,

11.6764

■ 22.7700, -11.2256,  
7.2177

■ 0.0000, 0.0000,  
0.0000

■ 218.1210,  
-37.0347, 25.3269

■ 218.1210,  
-37.0347, 25.3269

■ 211.1620,  
-45.9289, 31.4299

■ 225.0800,  
-28.1404, 19.2238

■ 204.3170,  
-54.3863, 37.4330

■ 231.9250,  
-19.6830, 13.2208

■ 197.3580,  
-63.2805, 43.5360

■ 238.8840,  
-10.7888, 7.1177

■ 190.3990,  
-72.1747, 49.6391

■ 245.8430, -1.8946,  
1.0147

■ 184.1410,  
-80.9215, 55.1273

■ 250.8470, 2.0474,  
-3.3738

■ 178.3390,  
-87.9211, 60.2157

■ 252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



214.2500, -29.2102, 35.7377



218.1210, -37.0347, 25.3269



214.2310, -30.6799, -6.3416

# Triad

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



218.1210, -37.0347, 25.3269



195.3650, 29.4001, -96.7901



221.5410, 16.4953, 29.3435

# Complementary

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



218.1210, -37.0347, 25.3269



171.8790, 37.0347, -25.3269

# 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.



220.2020, 17.1554, 4.2078



218.1210, -37.0347, 25.3269



199.6060, 27.3092, -79.4615

# Square

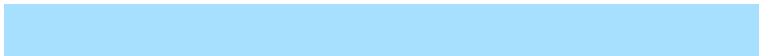
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.1210, -37.0347, 25.3269



200.8180, 8.9637, -75.2624



210.4910, 21.9429, -38.1416



213.6700, 4.1067, 36.2464

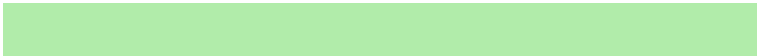


# Rectangle

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



218.1210, -37.0347, 25.3269



210.8350, -20.1317, -29.6733



210.4910, 21.9429, -38.1416



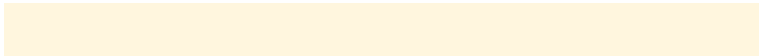
223.8890, 15.3377, 27.2843

# Sweetspot

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



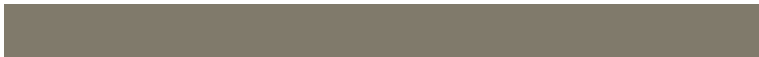
218.1210, -37.0347, 25.3269



245.9550, -11.8098, 7.9325



177.4020, -2.6632, 61.0374



122.0840, -7.4364, 5.1883



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.



218.1210, -37.0347, 25.3269



219.0480, -46.3657, 31.5299



228.2670, -42.0366, -3.7422



118.8710, -4.3734, 2.7441



134.2720, -66.1961, 45.3655



42.2950, -20.8514, 14.6503



# Inverse Universe

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



171.8790, 37.0347, -25.3269



160.9520, 46.3657, -31.5299



161.7330, 42.0366, 3.7422



113.7160, 4.0840, -3.2589



51.7280, 66.1961, -45.3655



16.1180, 21.1408, -14.1355



# Previews

## White Background



This preview shows how the YUV color 218.1210, -37.0347, 25.3269 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 218.1210, -37.0347, 25.3269 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

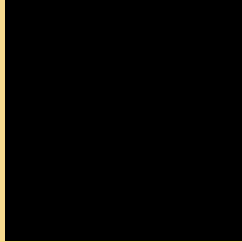
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 218.1210, -37.0347, 25.3269

## Background



This preview shows how black text looks on a background with the YUV color 218.1210, -37.0347, 25.3269.



This preview shows how white text looks on a background with the YUV color 218.1210, -37.0347, 25.3269.



# 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

218.1210, -37.0347, 25.3269

### Protanopia

217.9030, -36.4342, 19.3791

### Deuteranopia

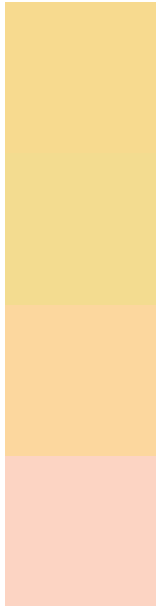
220.3140, -26.2838, 30.4196



## Tritanopia

223.8770, 0.0606, 27.2949

# Trichromacy



## Original Color

218.1210, -37.0347, 25.3269

## Protanomaly

218.2130, -36.5870, 21.7382

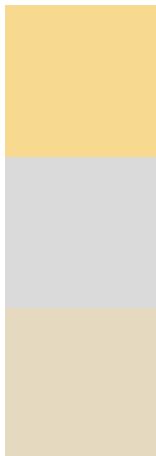
## Deuteranomaly

219.5650, -30.3515, 28.4455

## Tritanomaly

222.0220, -13.3218, 26.2907

# Monochromacy



## Original Color

218.1210, -37.0347, 25.3269

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

218.2110, -13.4150, 9.4620

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.1210, -37.0347, 25.3269 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, 218, 143)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 143)  
}
```

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, 218, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 143) }
```

## Border

The CSS property to change the border of an element to YUV 218.1210, -37.0347, 25.3269 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, 218, 143) }
```



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

```
.border{ border-color:rgb(247, 218, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 218, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 143);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 218.1210, -37.0347, 25.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 143) }
```

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

```
.background{ background-color: rgb(247,  
218, 143) }
```

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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