

Converting Colors

YUV(234.9900, -38.4491,
12.2868)

Have a look what the booklet for
YUV(234.9900, -38.4491, 12.2868)
contains.

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Color

**YUV(234.9900, -38.4491,
12.2868)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F39D
RGB	249, 243, 157
RGB Percent	98%, 95%, 62%
CMY	0.0235, 0.0471, 0.3843
CMYK	0.00, 0.02, 0.37, 0.02
HSL	56°, 88%, 80%
HSV	56°, 37%, 98%
XYZ	77.2033, 86.6752, 44.5592
YIQ	234.9900, 31.1820, -25.4740

Conversions

Conversions Part 2

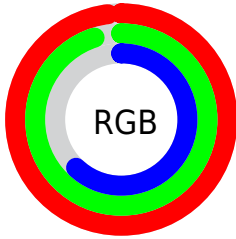
Format	Color
R _Y B	163, 249, 157
Decimal	16380829
CIE Lab	94.60, -10.21, 42.20
CIE LCh	95, 43.420, 103.596
Yxy	86.6752, 0.3704, 0.4158
Android (android.graphics.Color)	4294570909 (0xFFFF9F39D)
YUV	234.9900, -38.4491, 12.2868
Hunter-Lab	93.0995, -14.9021, 36.7923

Details

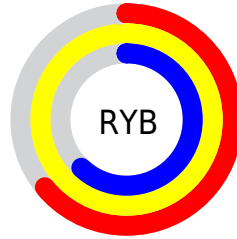
The YUV color $234.9900, -38.4491, 12.2868$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $171.0100, 38.4491, -12.2868$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $178.7340, -36.8439, 10.7573$ is the 20% darker color. If you saturate the color by 10%, you get $230.9660, -48.7902, 15.8158$, and if you desaturate by 10%, it is $239.0140, -28.1079, 8.7577$.

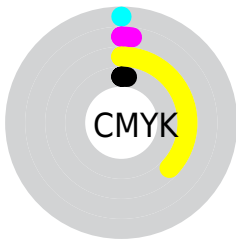
Distribution



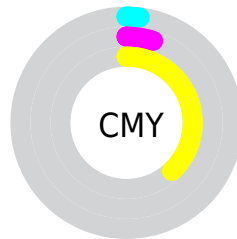
- Red (98%)
- Green (95%)
- Blue (62%)



- Red (64%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.9900, -38.4491, 12.2868 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 234.9900, -38.4491, 12.2868 by changing the saturation by 10% instead.

234.9900,
-38.4491, 12.2868

234.9900,
-38.4491, 12.2868

255.0000, 0.0000,
0.0000

206.8050,
-37.8649, 11.5720

250.0980,
-18.7823, 4.2991

178.7340,
-36.8439, 10.7573

253.4040, -6.1152,
1.3997

151.6630,
-35.8229, 9.9425

125.4780,
-35.2387, 9.2278

99.8800, -34.9438,
7.9982

75.0110, -36.9804,
7.8834

54.0350, -26.6393,

4.3543

■ 33.6460, -16.5875,
0.3105

■ 12.3270, -6.0772,
-10.8108

■ 234.9900,
-38.4491, 12.2868

■ 234.9900,
-38.4491, 12.2868

■ 230.9660,
-48.7902, 15.8158

■ 239.0140,
-28.1079, 8.7577

■ 227.5290,
-59.4208, 18.8301

■ 242.4510,
-17.4773, 5.7435

■ 223.5050,
-69.7620, 22.3591

■ 246.4750, -7.1362,
2.2144

■ 220.0680,
-80.3925, 25.3734

■ 249.6840, 2.6208,
-0.5999

■ 216.1580,
-90.2969, 28.8024

■ 250.8580, 2.0420,
-1.6295

■ 212.1340,
-100.6381, 32.3315

■ 252.0320, 1.4632,
-2.6591

■ 211.2220,
-104.1324, 33.1313

■ 252.6190, 1.1738,
-3.1739

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

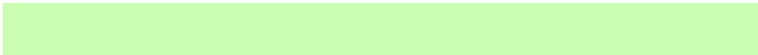
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7940, -34.4084, 22.9827



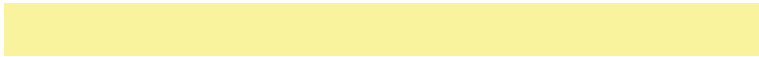
234.9900, -38.4491, 12.2868



229.6740, -25.9683, -24.2701

Triad

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



234.9900, -38.4491, 12.2868



207.1600, 23.5851, -98.3643



228.5850, 13.0226, 23.1660

Complementary

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



234.9900, -38.4491, 12.2868



171.0100, 38.4491, -12.2868

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.



235.6290, 9.5499, 16.9884



234.9900, -38.4491, 12.2868



219.4740, 17.5143, -64.4367

Square

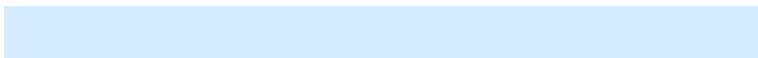
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.9900, -38.4491, 12.2868



209.8510, 22.2585, -92.8313



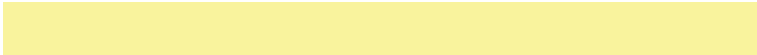
231.5770, 11.5475, -17.1690



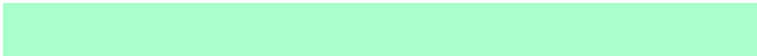
223.6490, -0.8130, 27.4948

Rectangle

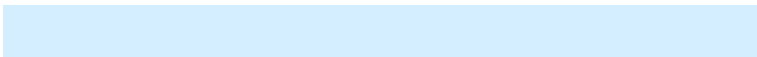
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.9900, -38.4491, 12.2868



223.1300, -10.9101, -47.4720



231.5770, 11.5475, -17.1690



230.3460, 12.1544, 21.6216

Sweetspot

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



234.9900, -38.4491, 12.2868



250.6340, -11.6516, 3.8290



185.1920, -10.9407, 55.9596



124.8880, -6.8468, 2.7292



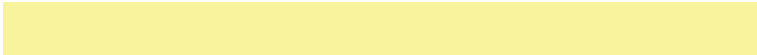
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

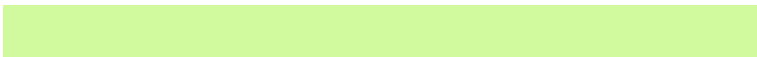
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.9900, -38.4491, 12.2868



238.1230, -46.8956, 14.8011



226.5520, -34.2891, -15.3931



122.9310, -5.3890, 1.8145



159.8230, -78.7927, 25.5882



51.6980, -25.4871, 8.1579

Inverse Universe

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



171.0100, 38.4491, -12.2868



159.8770, 46.8956, -14.8011



179.4480, 34.2891, 15.3931



114.0690, 5.3890, -1.8145



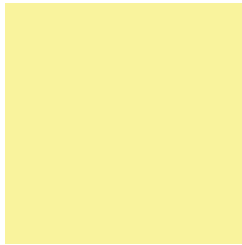
28.5900, 79.0821, -25.0734



9.3020, 25.4871, -8.1579

Previews

White Background



This preview shows how the YUV color 234.9900, -38.4491, 12.2868 looks on a white background.

Color Contrast Check

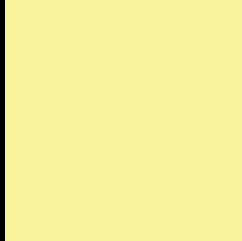
Large Text (above 18pt) WCAG AA × Fail

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 234.9900, -38.4491, 12.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

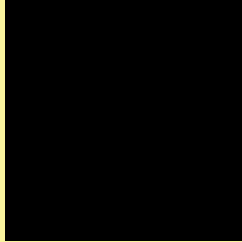
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.9900, -38.4491, 12.2868

Background



This preview shows how black text looks on a background with the YUV color 234.9900, -38.4491, 12.2868.

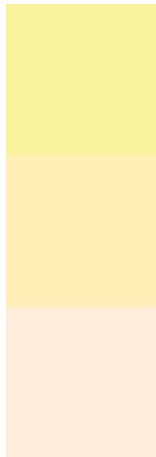


This preview shows how white text looks on a background with the YUV color 234.9900, -38.4491, 12.2868.

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

234.9900, -38.4491, 12.2868

Protanopia

237.2860, -27.2560, 15.5352

Deuteranopia

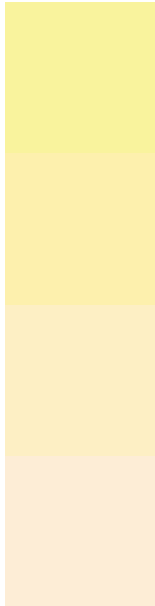
239.7430, -10.2263, 13.3804



Tritanopia

241.1740, 2.8722, 12.1254

Trichromacy



Original Color

234.9900, -38.4491, 12.2868

Protanomaly

236.2490, -31.1818, 14.6906

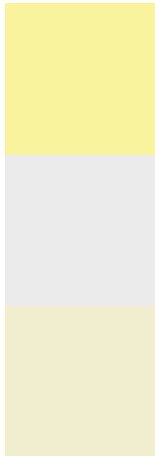
Deuteranomaly

238.2840, -20.8460, 12.9059

Tritanomaly

239.1620, -12.4049, 12.1359

Monochromacy



Original Color

234.9900, -38.4491, 12.2868

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.0640, -13.8356, 4.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.9900, -38.4491, 12.2868 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(249, 243, 157)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 157)  
}
```

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(249, 243, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 157) }
```

Border

The CSS property to change the border of an element to YUV 234.9900, -38.4491, 12.2868 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(249, 243, 157) }
```


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

```
.border{ border-color:rgb(249, 243, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 157);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 234.9900, -38.4491, 12.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 157) }
```

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

```
.background{ background-color: rgb(249,  
243, 157) }
```

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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