

Converting Colors

YUV(228.3900, -14.9823,
-1.2190)

Have a look what the booklet for
YUV(228.3900, -14.9823, -1.2190)
contains.

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Color

**YUV(228.3900, -14.9823,
-1.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EBC6
RGB	227, 235, 198
RGB Percent	89%, 92%, 78%
CMY	0.1098, 0.0784, 0.2235
CMYK	0.03, 0.00, 0.16, 0.08
HSL	73°, 48%, 85%
HSV	73°, 16%, 92%
XYZ	71.5799, 79.8248, 65.0611
YIQ	228.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

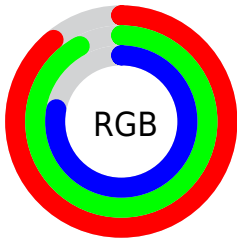
Format	Color
RYB	198, 235, 206
Decimal	14937030
CIELab	91.61, -8.91, 17.07
CIELCh	92, 19.260, 117.571
Yxy	79.8248, 0.3307, 0.3688
Android (android.graphics.Color)	4293127110 (0xFFE3EBC6)
YUV	228.3900, -14.9823, -1.2190
Hunter-Lab	89.3447, -13.3451, 19.3661

Details

The YUV color $228.3900, -14.9823, -1.2190$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $204.6100, 14.9823, 1.2190$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.6180, -14.1087, -1.4190$ is the 20% darker color. If you saturate the color by 10%, you get $224.2730, -24.2916, -1.9934$, and if you desaturate by 10%, it is $232.6210, -5.2362, -0.5446$.

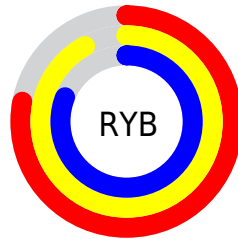
Distribution



Red (89%)

Green (92%)

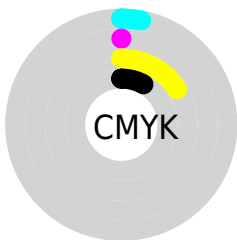
Blue (78%)



Red (78%)

Yellow (92%)

Blue (81%)

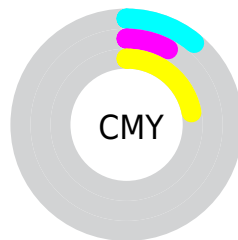


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (8%)



Cyan (11%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3900, -14.9823, -1.2190 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 228.3900, -14.9823, -1.2190 by changing the saturation by 10% instead.

■ 228.3900,
-14.9823, -1.2190

■ 228.3900,
-14.9823, -1.2190

255.0000, 0.0000,
0.0000

■ 200.5040,
-14.5455, -1.3190

■ 172.6180,
-14.1087, -1.4190

■ 146.6180,
-14.1087, -1.4190

■ 120.8460,
-13.2351, -1.6189

■ 95.9600, -12.7983,
-1.7189

■ 72.0740, -12.3615,
-1.8189

■ 49.3020, -11.4879,

-2.0189

■ 27.4440, -13.5299,
-0.3894

■ 6.4570, -3.1833,
-5.6628

■ 228.3900,
-14.9823, -1.2190

■ 228.3900,
-14.9823, -1.2190

■ 224.2730,
-24.2916, -1.9934

■ 232.6210, -5.2362,
-0.5446

■ 220.0420,
-34.0377, -2.6678

■ 236.7380, 4.0732,
0.2298

■ 215.9250,
-43.3470, -3.4422

■ 239.3730, 7.7041,
2.3039

■ 211.6940,
-53.0931, -4.1166

■ 240.8680, 6.9671,
5.3778

■ 207.5770,
-62.4025, -4.8910

■ 242.3630, 6.2300,
8.4516

■ 203.3460,
-72.1486, -5.5654

■ 243.2600, 5.7878,
10.2960

■ 198.9300,
-81.3105, -6.9546

■ 194.6990,
-91.0566, -7.6290

■ 192.9610,
-95.1298, -7.8588

Harmonies

Analogous

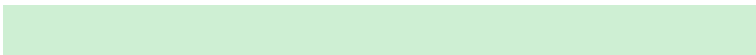
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.3920, -17.9413, 14.5652



228.3900, -14.9823, -1.2190



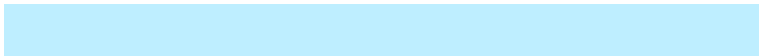
225.9410, -7.3659, -17.4883

Triad

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



228.3900, -14.9823, -1.2190



225.5860, 14.5011, -31.2089



230.7730, 1.0979, 21.2471

Complementary

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



228.3900, -14.9823, -1.2190



204.6100, 14.9823, 1.2190

Split Complementary

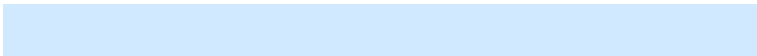
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.2870, 8.2395, 17.2883



228.3900, -14.9823, -1.2190



228.3320, 13.1473, -16.9542

Square

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



228.3900, -14.9823, -1.2190



224.3420, 11.1704, -36.2569



231.9860, 11.3459, 0.8893



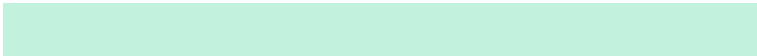
229.3080, -7.0538, 22.5319

Rectangle

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



228.3900, -14.9823, -1.2190



224.7810, -1.3710, -26.9949



231.9860, 11.3459, 0.8893



232.0440, 3.4293, 20.1324

Sweetspot

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



228.3900, -14.9823, -1.2190



252.6210, -5.2362, -0.5446



213.1720, -7.4798, 19.1432



126.4900, -3.1996, -0.4297



0.0000, 0.0000, 0.0000



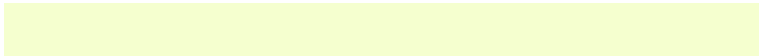
128.0000, 0.0000, 0.0000

Same Dimension

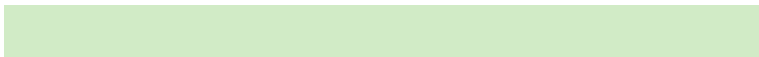
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3900, -14.9823, -1.2190



246.5380, -19.4922, -1.3488



223.0080, -12.3289, -12.2850



115.1480, -4.5100, -0.1298



148.7050, -73.3116, -5.8803



44.2560, -21.8182, -1.9785

Inverse Universe

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



204.6100, 14.9823, 1.2190



215.4620, 19.4922, 1.3488



209.9920, 12.3289, 12.2850



107.8520, 4.5100, 0.1298



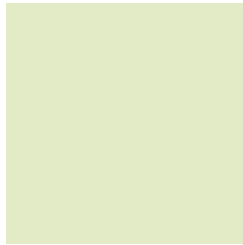
32.2950, 73.3116, 5.8803



9.7440, 21.8182, 1.9785

Previews

White Background



This preview shows how the YUV color 228.3900, -14.9823, -1.2190 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 228.3900, -14.9823, -1.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

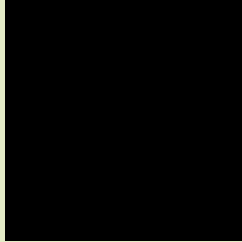
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

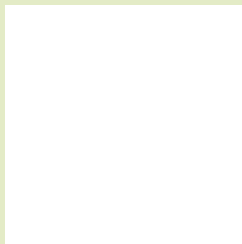
Any Text WCAG AAA ✓ Pass

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

YUV 228.3900, -14.9823, -1.2190 Background



This preview shows how black text looks on a background with the YUV color 228.3900, -14.9823, -1.2190.



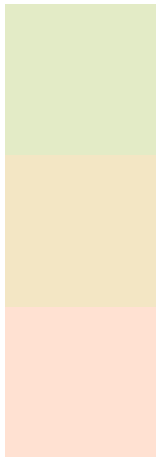
This preview shows how white text looks on a background with the YUV color 228.3900, -14.9823, -1.2190.

-1.2190.

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**

228.3900, -14.9823, -1.2190

Protanopia

230.0110, -16.7674, 11.3914

Deuteranopia

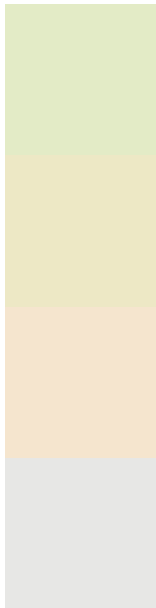
232.2600, -10.9742, 19.9430



Tritanopia

231.8460, 6.9779, 1.8891

Trichromacy



Original Color

228.3900, -14.9823, -1.2190

Protanomaly

229.5050, -16.0250, 6.5731

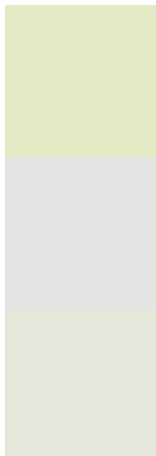
Deuteranomaly

231.1620, -12.4049, 12.1359

Tritanomaly

230.7720, -0.8736, 0.2000

Monochromacy



Original Color

228.3900, -14.9823, -1.2190

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.5070, -5.6730, -0.4446

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3900, -14.9823, -1.2190 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(227, 235, 198)` looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 198)  
}
```

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(227, 235, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 198) }
```

Border

The CSS property to change the border of an element to YUV 228.3900, -14.9823, -1.2190 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(227, 235, 198) }
```


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

```
.border{ border-color:rgb(227, 235, 198) }
```

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

Here you see how a box with a 4 pixel rgb(227, 235, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 198);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 228.3900, -14.9823, -1.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 198) }
```

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

```
.background{ background-color: rgb(227,  
235, 198) }
```

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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