

Converting Colors

YUV(227.3850, -13.9938,
8.4324)

Have a look what the booklet for
YUV(227.3850, -13.9938, 8.4324)
contains.

YUV(227.3850, -13.9938, 8.4324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(227.3850, -13.9938,
8.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4C7
RGB	237, 228, 199
RGB Percent	93%, 89%, 78%
CMY	0.0706, 0.1059, 0.2196
CMYK	0.00, 0.04, 0.16, 0.07
HSL	46°, 51%, 85%
HSV	46°, 16%, 93%
XYZ	72.9773, 77.6149, 65.1677
YIQ	227.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

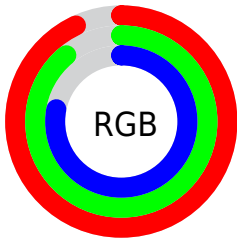
Format	Color
R_{YB}	211, 237, 199
Decimal	15590599
CIE _{Lab}	90.60, -1.65, 15.25
CIE _{LCh}	91, 15.342, 96.186
Yxy	77.6149, 0.3382, 0.3597
Android (android.graphics.Color)	4293780679 (0xFFE4C7)
YUV	227.3850, -13.9938, 8.4324
Hunter-Lab	88.0993, -6.3129, 17.8123

Details

The YUV color $227.3850, -13.9938, 8.4324$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $208.6150, 13.9938, -8.4324$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.2000, -13.4096, 7.7176$ is the 20% darker color. If you saturate the color by 10%, you get $221.1270, -22.7406, 13.9206$, and if you desaturate by 10%, it is $233.6430, -5.2470, 2.9441$.

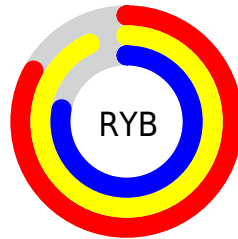
Distribution



Red (93%)

Green (89%)

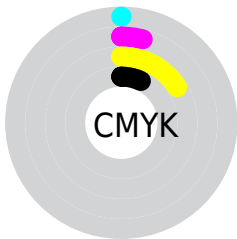
Blue (78%)



Red (83%)

Yellow (93%)

Blue (78%)

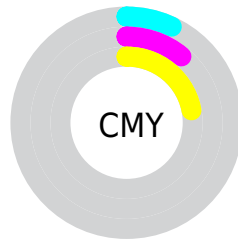


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3850, -13.9938, 8.4324 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 227.3850, -13.9938, 8.4324 by changing the saturation by 10% instead.

■ 227.3850,
-13.9938, 8.4324

■ 227.3850,
-13.9938, 8.4324

255.0000, 0.0000,
0.0000

■ 199.4990,
-13.5570, 8.3324

■ 172.2000,
-13.4096, 7.7176

■ 145.3140,
-12.9728, 7.6176

■ 119.5420,
-12.0992, 7.4177

■ 94.9440, -11.8044,
6.1881

■ 71.0580, -11.3676,
6.0881

■ 48.8730, -10.7834,

5.3734

■ 27.3030, -12.9674,
5.8733

■ 1.7610, -0.8682,
-1.5444

■ 227.3850,
-13.9938, 8.4324

■ 227.3850,
-13.9938, 8.4324

■ 221.1270,
-22.7406, 13.9206

■ 233.6430, -5.2470,
2.9441

■ 215.5700,
-31.3400, 18.7941

■ 239.2000, 3.3524,
-1.9294

■ 209.3120,
-40.0868, 24.2824

■ 243.7480, 5.5472,
-5.9180

■ 203.6410,
-49.1230, 29.2558

■ 246.6830, 4.1003,
-8.4920

■ 197.3830,
-57.8698, 34.7441

■ 249.6180, 2.6533,
-11.0660

■ 191.2390,
-66.1798, 40.1324

■ 185.5680,
-75.2160, 45.1059

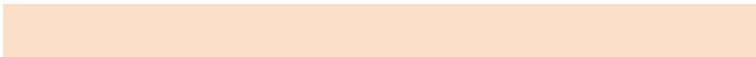
■ 179.3100,
-83.9628, 50.5941

■ 177.1100,
-87.3152, 52.5235

Harmonies

Analogous

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



228.9780, -13.3002, 19.3133



227.3850, -13.9938, 8.4324



225.8070, -10.7509, -5.0927

Triad

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



227.3850, -13.9938, 8.4324



223.5710, 10.5645, -28.5648



231.2500, 4.3137, 16.4438

Complementary

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



227.3850, -13.9938, 8.4324



208.6150, 13.9938, -8.4324

Split Complementary

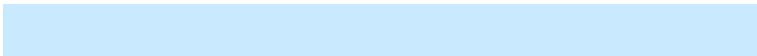
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.8940, 10.8983, 4.4780



227.3850, -13.9938, 8.4324



225.5270, 14.0372, -22.3872

Square

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



227.3850, -13.9938, 8.4324



223.1600, 3.8651, -26.4503



227.4900, 13.5624, -10.0767



229.8610, -2.3965, 22.0469

Rectangle

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



227.3850, -13.9938, 8.4324



224.4900, -6.6506, -13.5847



227.4900, 13.5624, -10.0767



231.2110, 6.7980, 12.9700

Sweetspot

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



227.3850, -13.9938, 8.4324



251.7570, -4.8102, 2.8441



211.5020, -1.2335, 22.3617



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



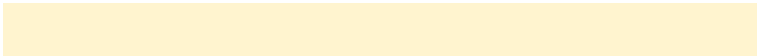
128.0000, 0.0000, 0.0000

Same Dimension

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



227.3850, -13.9938, 8.4324



243.0710, -17.7830, 10.4617



229.6780, -15.1243, -2.3486



114.5720, -4.2260, 2.1294



135.1250, -66.6166, 40.2324



40.2130, -19.8250, 12.0912

Inverse Universe

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



208.6150, 13.9938, -8.4324



218.9290, 17.7830, -10.4617



206.3220, 15.1243, 2.3486



108.4280, 4.2260, -2.1294



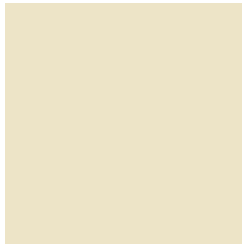
45.8750, 66.6166, -40.2324



13.7870, 19.8250, -12.0912

Previews

White Background



This preview shows how the YUV color 227.3850, -13.9938, 8.4324 looks on a white background.

Color Contrast Check

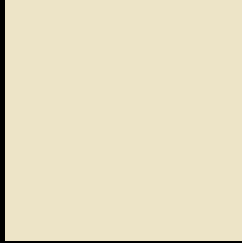
Large Text (above 18pt) WCAG AA × Fail

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 227.3850, -13.9938, 8.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

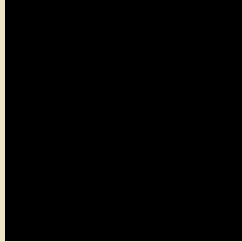
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

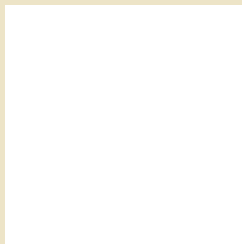
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.3850, -13.9938, 8.4324

Background



This preview shows how black text looks on a background with the YUV color 227.3850, -13.9938, 8.4324.



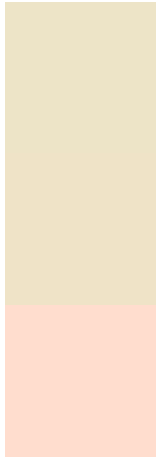
This preview shows how white text looks on a background with the YUV color 227.3850, -13.9938, 8.4324.

8.4324.

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

227.3850, -13.9938, 8.4324

Protanopia

227.3960, -13.9992, 10.1767

Deuteranopia

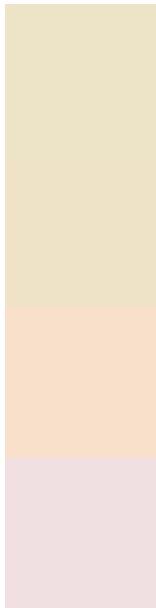
229.4560, -11.5638, 22.4021



Tritanopia

230.0320, 4.9142, 10.4959

Trichromacy



Original Color

227.3850, -13.9938, 8.4324

Protanomaly

227.0970, -13.8518, 9.5619

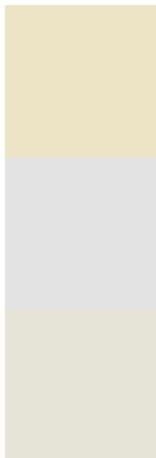
Deuteranomaly

228.7820, -12.7105, 16.8542

Tritanomaly

228.8980, -1.9217, 9.7365

Monochromacy



Original Color

227.3850, -13.9938, 8.4324

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3850, -13.9938, 8.4324 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(237, 228, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 199)  
}
```

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(237, 228, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 199) }
```

Border

The CSS property to change the border of an element to YUV 227.3850, -13.9938, 8.4324 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(237, 228, 199) }
```


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

```
.border{ border-color:rgb(237, 228, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 228, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 228, 199); box-shadow:4px 4px 4px 4px rgb(237, 228, 199) }
```

Background

The CSS property to change the background color of an element to YUV 227.3850, -13.9938, 8.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 199) }
```

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

```
.background{ background-color: rgb(237,  
228, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor