

Converting Colors

YUV(228.4870, -32.2851,
-4.8121)

Have a look what the booklet for
YUV(228.4870, -32.2851, -4.8121)
contains.

YUV(228.4870, -32.2851, -4.8121)	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(228.4870, -32.2851,
-4.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF4A3
RGB	223, 244, 163
RGB Percent	87%, 96%, 64%
CMY	0.1255, 0.0431, 0.3608
CMYK	0.09, 0.00, 0.33, 0.04
HSL	76°, 79%, 80%
HSV	76°, 33%, 96%
XYZ	69.3930, 83.0337, 47.0200
YIQ	228.4870, 13.4850, -29.6430

Conversions

Conversions Part 2

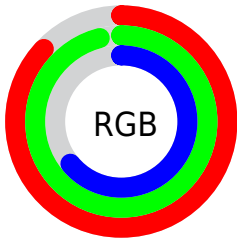
Format	Color
R _Y B	163, 244, 184
Decimal	14677155
CIE Lab	93.03, -19.73, 36.81
CIE LCh	93, 41.763, 118.190
Yxy	83.0337, 0.3479, 0.4163
Android (android.graphics.Color)	4292867235 (0xFFDFF4A3)
YUV	228.4870, -32.2851, -4.8121
Hunter-Lab	91.1228, -23.5314, 33.1919

Details

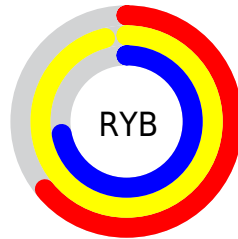
The YUV color $228.4870, -32.2851, -4.8121$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $178.5130, 32.2851, 4.8121$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8960, -15.7247, 3.5992$, and $172.8290, -30.9747, -5.1120$ is the 20% darker color. If you saturate the color by 10%, you get $223.9570, -41.8838, -6.1013$, and if you desaturate by 10%, it is $233.0170, -22.6864, -3.5229$.

Distribution



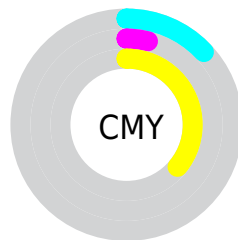
- Red (87%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (72%)



- Cyan (9%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4870, -32.2851, -4.8121 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 228.4870, -32.2851, -4.8121 by changing the saturation by 10% instead.

■ 228.4870,
-32.2851, -4.8121

■ 228.4870,
-32.2851, -4.8121

255.0000, 0.0000,
0.0000

■ 200.6010,
-31.8483, -4.9121

■ 250.8960,
-15.7247, 3.5992

■ 172.8290,
-30.9747, -5.1120

■ 254.0880, -3.4944,
0.7998

■ 146.0570,
-30.1011, -5.3120

■ 119.9860,
-29.0801, -6.1267

■ 94.3990, -28.7907,
-5.6119

■ 69.9860, -29.0801,
-6.1267

■ 47.7670, -23.5491,

-6.8117

■ 27.9650, -13.7867,
-11.3703

■ 11.1530, -5.4984,
-9.7812

■ 228.4870,
-32.2851, -4.8121

■ 228.4870,
-32.2851, -4.8121

■ 223.9570,
-41.8838, -6.1013

■ 233.0170,
-22.6864, -3.5229

■ 219.0140,
-51.7719, -7.9053

■ 237.9600,
-12.7983, -1.7189

■ 214.4840,
-61.3706, -9.1945

■ 242.4900, -3.1996,
-0.4297

■ 209.8400,
-71.4061, -10.3837

■ 246.4500, 4.2152,
1.3594

■ 205.0110,
-80.8574, -12.2876

■ 248.5430, 3.1833,
5.6628

■ 200.4810,
-90.4561, -13.5768

■ 197.3470,
-97.2921, -14.3363

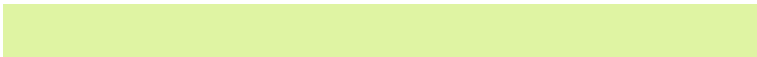
Harmonies

Analogous

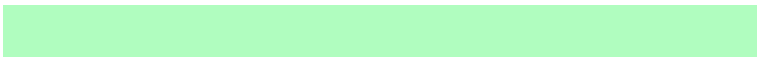
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9850, -37.4606, 21.9382



228.4870, -32.2851, -4.8121



222.9090, -15.7311, -41.1392

Triad

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



228.4870, -32.2851, -4.8121



211.1020, 21.6417, -81.6505



223.8260, 7.4808, 27.3396

Complementary

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



228.4870, -32.2851, -4.8121



178.5130, 32.2851, 4.8121

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.



229.7590, 12.4438, 22.1364



228.4870, -32.2851, -4.8121



222.8730, 15.8386, -40.2306

Square

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



228.4870, -32.2851, -4.8121



207.4590, 23.4377, -97.7495



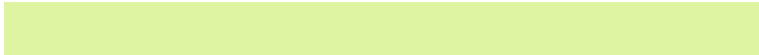
232.0080, 11.3351, 4.3780



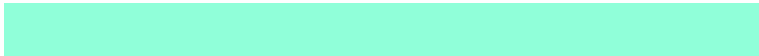
220.4400, -10.5699, 30.3091

Rectangle

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



228.4870, -32.2851, -4.8121



217.4790, -0.2361, -64.4411



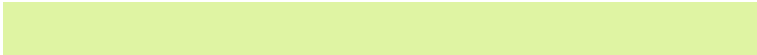
232.0080, 11.3351, 4.3780



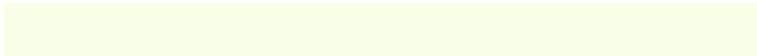
226.0090, 13.3066, 25.4251

Sweetspot

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



228.4870, -32.2851, -4.8121



250.0570, -9.8881, -1.8040



198.9590, -17.7278, 39.5010



124.9800, -6.3991, -0.8595



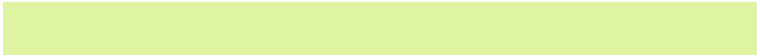
0.0000, 0.0000, 0.0000



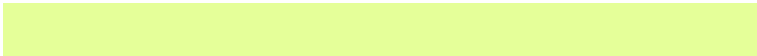
128.0000, 0.0000, 0.0000

Same Dimension

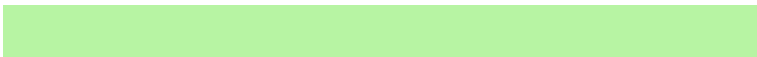
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.4870, -32.2851, -4.8121



235.5980, -40.7208, -5.7864



216.5270, -26.3888, -29.4032



119.7350, -4.7994, -0.6446



150.4440, -74.1689, -10.9134



47.4900, -23.4126, -3.9377

Inverse Universe

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



178.5130, 32.2851, 4.8121



172.4020, 40.7208, 5.7864



190.4730, 26.3888, 29.4032



112.2650, 4.7994, 0.6446



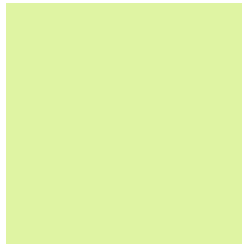
35.5560, 74.1689, 10.9134



11.2110, 23.5600, 3.3230

Previews

White Background



This preview shows how the YUV color 228.4870, -32.2851, -4.8121 looks on a white background.

Color Contrast Check

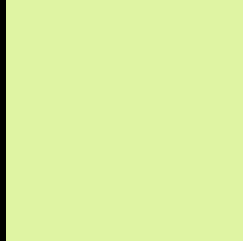
Large Text (above 18pt) WCAG AA × Fail

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 228.4870, -32.2851, -4.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

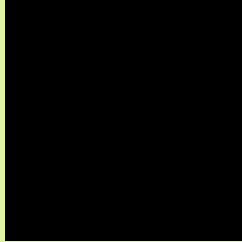
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

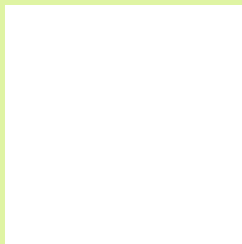
Any Text WCAG AAA ✓ Pass

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

YUV 228.4870, -32.2851, -4.8121 Background



This preview shows how black text looks on a background with the YUV color 228.4870, -32.2851, -4.8121.



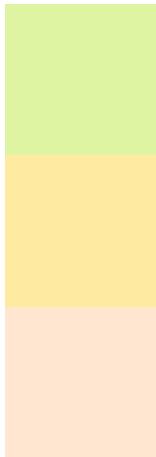
This preview shows how white text looks on a background with the YUV color 228.4870, -32.2851, -4.8121.

-4.8121.

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

228.4870, -32.2851, -4.8121

Protanopia

232.0170, -35.9974, 19.2791

Deuteranopia

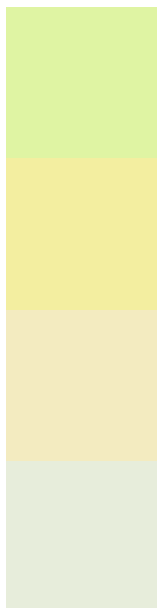
235.0810, -12.8579, 17.4690



Tritanopia

235.6500, 7.5675, -0.5701

Trichromacy



Original Color

228.4870, -32.2851, -4.8121

Protanomaly

230.6030, -34.8073, 10.8722

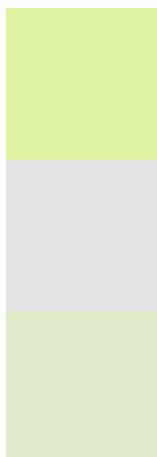
Deuteranomaly

232.4900, -19.9616, 9.2173

Tritanomaly

233.1540, -6.9779, -1.8891

Monochromacy



Original Color

228.4870, -32.2851, -4.8121

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1880, -11.9247, -1.9189

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4870, -32.2851, -4.8121 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(223, 244, 163)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 163)  
}
```

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(223, 244, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 163) }
```

Border

The CSS property to change the border of an element to YUV 228.4870, -32.2851, -4.8121 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(223, 244, 163) }
```


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

```
.border{ border-color:rgb(223, 244, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 244, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 244, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 244, 163);  
box-shadow:4px 4px 4px 4px rgb(223, 244,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 228.4870, -32.2851, -4.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 163) }
```

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

```
.background{ background-color: rgb(223,  
244, 163) }
```

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