

Converting Colors

YUV(212.1330, -28.6596,
-0.9936)

Have a look what the booklet for
YUV(212.1330, -28.6596, -0.9936)
contains.

| | |
|--|----|
| YUV(212.1330, -28.6596, -0.9936) | 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(212.1330, -28.6596,
-0.9936)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3E09A |
| RGB | 211, 224, 154 |
| RGB Percent | 83%, 88%, 60% |
| CMY | 0.1725, 0.1216, 0.3961 |
| CMYK | 0.06, 0.00, 0.31, 0.12 |
| HSL | 71°, 53%, 74% |
| HSV | 71°, 31%, 88% |
| XYZ | 59.3524, 69.4933, 40.8572 |
| YIQ | 212.1330, 14.7220, -24.5260 |

Conversions

Conversions Part 2

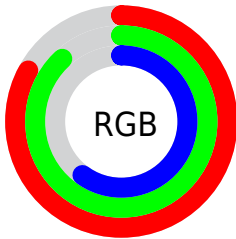
| Format | Color |
|-------------------------------------|--|
| RYB | 154, 224, 167 |
| Decimal | 13885594 |
| CIELab | 86.75, -15.51, 32.90 |
| CIELCh | 87, 36.368, 115.242 |
| Yxy | 69.4933, 0.3497, 0.4095 |
| Android (android.graphics.Color) | 4292075674 (0xFFD3E09A) |
| YUV | 212.1330, -28.6596, -0.9936 |
| Hunter-Lab | 83.3626, -18.7965, 29.2950 |

Details

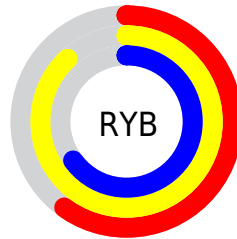
The YUV color $212.1330, -28.6596, -0.9936$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $165.8670, 28.6596, 0.9936$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, -20.0927, 4.5990$, and $157.4750, -27.3492, -1.2936$ is the 20% darker color. If you saturate the color by 10%, you get $208.4290, -37.6795, -1.2532$, and if you desaturate by 10%, it is $215.8370, -19.6396, -0.7340$.

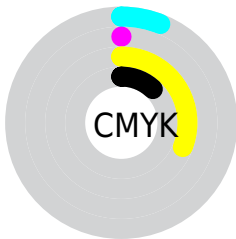
Distribution



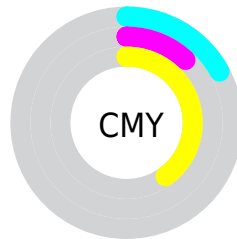
- Red (83%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1330, -28.6596, -0.9936 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 212.1330, -28.6596, -0.9936 by changing the saturation by 10% instead.

■ 212.1330,
-28.6596, -0.9936

■ 212.1330,
-28.6596, -0.9936

255.0000, 0.0000,
0.0000

■ 184.3610,
-27.7860, -1.1936

■ 249.7560,
-20.0927, 4.5990

■ 157.4750,
-27.3492, -1.2936

■ 252.9480, -7.8624,
1.7996

■ 130.7030,
-26.4756, -1.4935

■ 105.5180,
-25.8914, -2.2083

■ 80.7460, -25.0178,
-2.4082

■ 57.2190, -25.7440,
-2.8231

■ 36.5700, -18.0290,

-4.0079

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 212.1330,
-28.6596, -0.9936

■ 212.1330,
-28.6596, -0.9936

■ 208.4290,
-37.6795, -1.2532

■ 215.8370,
-19.6396, -0.7340

■ 204.6110,
-47.1362, -1.4128

■ 219.6550,
-10.1829, -0.5744

■ 200.9070,
-56.1562, -1.6724

■ 223.3590, -1.1630,
-0.3148

■ 196.7900,
-65.4655, -2.4468

■ 227.4760, 8.1463,
0.4595

■ 193.0860,
-74.4854, -2.7064

■ 229.9260, 12.3615,
1.8189

■ 189.3820,
-83.5053, -2.9660

■ 231.1220, 11.7719,
4.2780

■ 185.9060,
-91.6517, -3.4256

■ 232.3180, 11.1822,
6.7371

■ 233.5140, 10.5926,
9.1962

■ 234.7100, 10.0030,
11.6553

Harmonies

Analogous

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



215.7560, -33.4037, 27.4010



212.1330, -28.6596, -0.9936



207.4910, -15.0321, -32.0026

Triad

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



212.1330, -28.6596, -0.9936



200.2480, 26.9927, -71.2545



214.4850, 4.6909, 35.5317

Complementary

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



212.1330, -28.6596, -0.9936



165.8670, 28.6596, 0.9936

Split Complementary

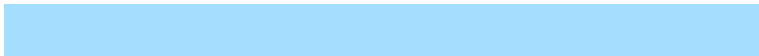
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 16.2059, 28.8287



212.1330, -28.6596, -0.9936



208.4200, 22.9639, -38.9563

Square

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



212.1330, -28.6596, -0.9936



198.1560, 23.0941, -80.8208



216.6250, 18.9189, -1.4251



211.0820, -10.8864, 38.5161

Rectangle

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



212.1330, -28.6596, -0.9936



203.5730, -2.7475, -52.2455



216.6250, 18.9189, -1.4251



216.4400, 9.6431, 33.8171

Sweetspot

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



212.1330, -28.6596, -0.9936



251.1820, -9.4567, -0.1596



182.5610, -14.0806, 36.3420



125.3930, -6.1097, -0.3447



0.0000, 0.0000, 0.0000



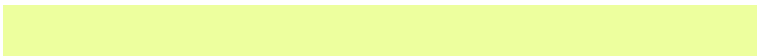
128.0000, 0.0000, 0.0000

Same Dimension

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



212.1330, -28.6596, -0.9936



238.5600, -39.7161, -1.3681



201.6680, -23.5003, -22.5108



110.1480, -4.5100, -0.1298



146.0690, -72.0120, -2.6915



39.8370, -19.6396, -0.7340

Inverse Universe

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



165.8670, 28.6596, 0.9936



174.4400, 39.7161, 1.3681



176.3320, 23.5003, 22.5108



102.8520, 4.5100, 0.1298



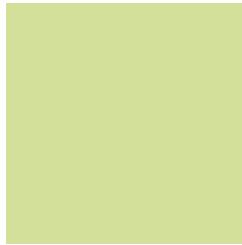
29.9310, 72.0120, 2.6915



8.1630, 19.6396, 0.7340

Previews

White Background



This preview shows how the YUV color 212.1330, -28.6596, -0.9936 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 212.1330, -28.6596, -0.9936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

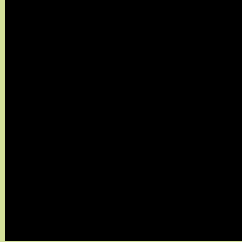
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

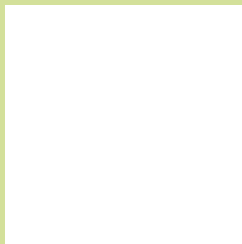
Any Text WCAG AAA ✓ Pass

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

YUV 212.1330, -28.6596, -0.9936 Background



This preview shows how black text looks on a background with the YUV color 212.1330, -28.6596, -0.9936.



This preview shows how white text looks on a background with the YUV color 212.1330, -28.6596, -0.9936.

-0.9936.

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

212.1330, -28.6596, -0.9936

Protanopia

214.5590, -31.3346, 17.0498

Deuteranopia

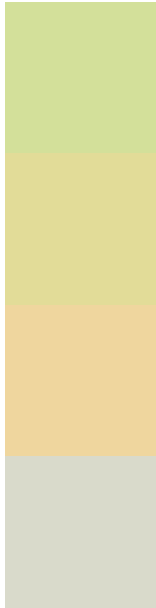
216.6950, -27.4576, 33.5935



Tritanopia

218.0310, 6.3937, 2.6038

Trichromacy



Original Color

212.1330, -28.6596, -0.9936

Protanomaly

214.0420, -30.5867, 10.4872

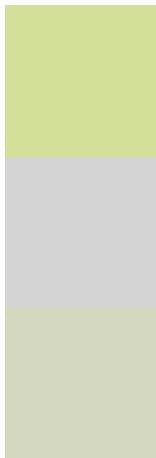
Deuteranomaly

215.0910, -28.1459, 20.9682

Tritanomaly

215.9910, -6.4046, 0.8849

Monochromacy



Original Color

212.1330, -28.6596, -0.9936

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1330, -28.6596, -0.9936 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(211, 224, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 154)  
}
```

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(211, 224, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 154) }
```

Border

The CSS property to change the border of an element to YUV 212.1330, -28.6596, -0.9936 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(211, 224, 154) }
```


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

```
.border{ border-color:rgb(211, 224, 154) }
```

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

Here you see how a box with a 4 pixel rgb(211, 224, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 212.1330, -28.6596, -0.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 154) }
```

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

```
.background{ background-color: rgb(211,  
224, 154) }
```

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