

Converting Colors

YUV(236.1700, -28.1848,
-13.3041)

Have a look what the booklet for
YUV(236.1700, -28.1848, -13.3041)
contains.

YUV(236.1700, -28.1848, -13.3041)	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(236.1700, -28.1848,
-13.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFB3
RGB	221, 255, 179
RGB Percent	87%, 100%, 70%
CMY	0.1333, 0.0000, 0.2980
CMYK	0.13, 0.00, 0.30, 0.00
HSL	87°, 100%, 85%
HSV	87°, 30%, 100%
XYZ	73.7155, 90.1468, 56.1627
YIQ	236.1700, 4.1320, -30.8440

Conversions

Conversions Part 2

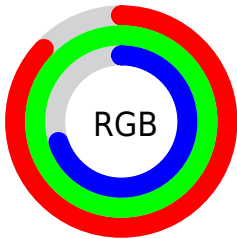
Format	Color
RYB	179, 255, 213
Decimal	14548915
CIELab	96.06, -23.62, 32.81
CIELCh	96, 40.427, 125.755
Yxy	90.1468, 0.3350, 0.4097
Android (android.graphics.Color)	4292738995 (0xFFDDFFB3)
YUV	236.1700, -28.1848, -13.3041
Hunter-Lab	94.9457, -27.5682, 31.3905

Details

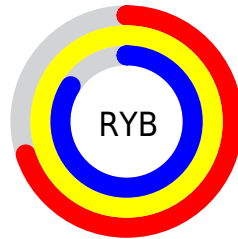
The YUV color $236.1700, -28.1848, -13.3041$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $197.8300, 28.1848, 13.3041$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, -8.7360, 1.9996$, and $179.9250, -26.5850, -13.0892$ is the 20% darker color. If you saturate the color by 10%, you get $229.9170, -37.9201, -17.4672$, and if you desaturate by 10%, it is $242.3090, -18.8863, -9.0410$.

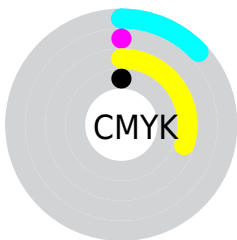
Distribution



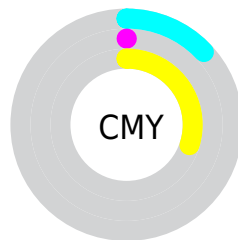
- Red (87%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 236.1700, -28.1848, -13.3041 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 236.1700, -28.1848, -13.3041 by changing the saturation by 10% instead.


 236.1700,
-28.1848, -13.3041


 236.1700,
-28.1848, -13.3041


255.0000, 0.0000,
0.0000


 207.6970,
-27.4586, -12.8893


 252.7200, -8.7360,
1.9996

 179.9250,
-26.5850, -13.0892

 153.0390,
-26.1482, -13.1892

 126.5660,
-25.4220, -12.7744

 101.0930,
-24.6958, -12.3596

 76.9080, -24.1116,
-13.0743

 52.7940, -24.5484,

-12.9743

■ 32.0740, -15.8125,
-14.9739

■ 17.0230, -8.3923,
-14.9292

■ 236.1700,
-28.1848, -13.3041

■ 236.1700,
-28.1848, -13.3041

■ 229.9170,
-37.9201, -17.4672

■ 242.3090,
-18.8863, -9.0410

■ 223.4790,
-47.0711, -22.3451

■ 248.8610, -9.2985,
-4.2631

■ 217.2260,
-56.8064, -26.5082

255.0000, 0.0000,
0.0000

■ 210.7880,
-65.9575, -31.3861

■ 204.5350,
-75.6928, -35.5492

■ 198.3960,
-84.9912, -39.8123

■ 191.8440,
-94.5791, -44.5902

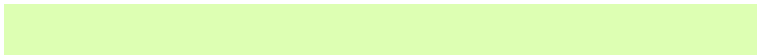
Harmonies

Analogous

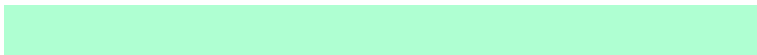
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.2830, -36.1285, 14.6608



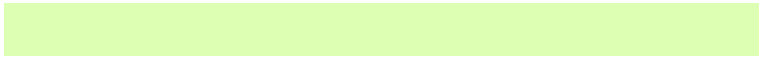
236.1700, -28.1848, -13.3041



225.9500, -7.8633, -44.6831

Triad

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



236.1700, -28.1848, -13.3041



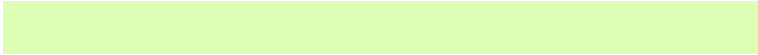
222.4090, 16.0674, -67.0107



228.8810, 4.0027, 22.9064

Complementary

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



236.1700, -28.1848, -13.3041



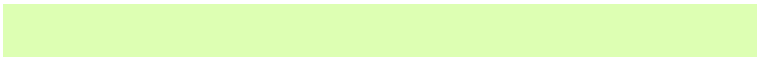
197.8300, 28.1848, 13.3041

Split Complementary

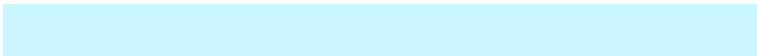
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.8680, 10.4181, 18.5328



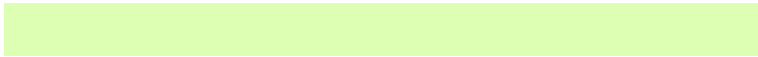
236.1700, -28.1848, -13.3041



233.5820, 10.5591, -26.8204

Square

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



236.1700, -28.1848, -13.3041



213.1400, 20.6370, -86.0688



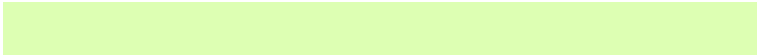
240.9120, 6.9454, 12.3552



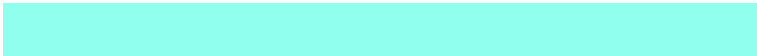
227.5980, -13.6058, 24.0316

Rectangle

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



236.1700, -28.1848, -13.3041



220.0580, 8.3524, -65.8259



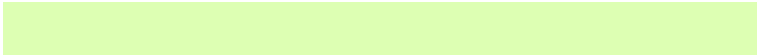
240.9120, 6.9454, 12.3552



231.0640, 9.8284, 20.9919

Sweetspot

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



236.1700, -28.1848, -13.3041



249.3880, -8.5723, -3.8483



221.0950, -20.7528, 29.7347



124.1970, -5.5201, -2.8038



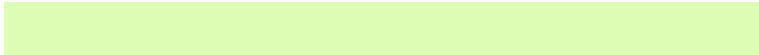
0.0000, 0.0000, 0.0000



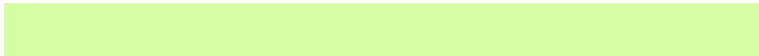
128.0000, 0.0000, 0.0000

Same Dimension

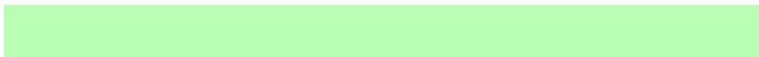
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.1700, -28.1848, -13.3041



232.2530, -34.1417, -16.0079



225.1070, -22.7308, -36.0508



124.7240, -4.7939, -2.3889



143.8110, -70.8988, -33.1602



48.0330, -23.6803, -11.4299

Inverse Universe

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



197.8300, 28.1848, 13.3041



185.7470, 34.1417, 16.0079



208.8930, 22.7308, 36.0508



117.9770, 4.9413, 1.7742



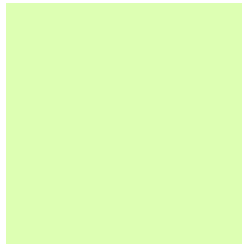
47.4880, 70.7514, 33.7750



15.9670, 23.6803, 11.4299

Previews

White Background



This preview shows how the YUV color 236.1700, -28.1848, -13.3041 looks on a white background.

Color Contrast Check

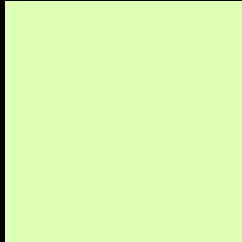
Large Text (above 18pt) WCAG AA × Fail

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 236.1700, -28.1848, -13.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

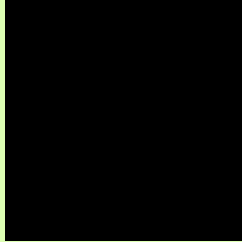
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

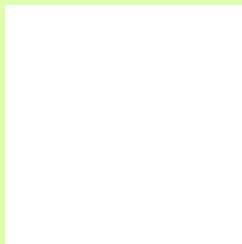
Any Text WCAG AAA ✓ Pass

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

YUV 236.1700, -28.1848, -13.3041 Background



This preview shows how black text looks on a background with the YUV color 236.1700, -28.1848, -13.3041.



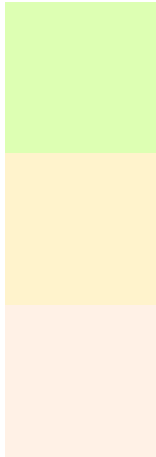
This preview shows how white text looks on a background with the YUV color 236.1700, -28.1848, -13.3041.

-13.3041.

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

236.1700, -28.1848, -13.3041

Protanopia

242.1420, -18.8040, 11.2765

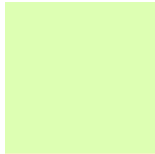
Deuteranopia

243.9320, -6.8685, 9.7066

Tritanopia

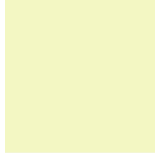
243.4600, 5.6892, -4.7884

Trichromacy



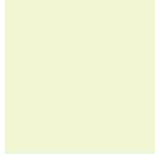
Original Color

236.1700, -28.1848, -13.3041



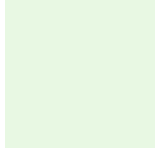
Protanomaly

239.8760, -22.1239, 2.7397



Deuteranomaly

241.1130, -14.8457, 1.6549



Tritanomaly

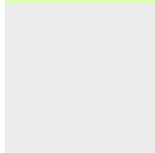
240.8220, -6.8142, -7.7369

Monochromacy



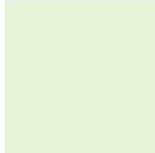
Original Color

236.1700, -28.1848, -13.3041



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.1700, -28.1848, -13.3041 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(221, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 179)  
}
```

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(221, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 179) }
```

Border

The CSS property to change the border of an element to YUV 236.1700, -28.1848, -13.3041 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(221, 255, 179) }
```


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

```
.border{ border-color:rgb(221, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 236.1700, -28.1848, -13.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 179) }
```

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

```
.background{ background-color: rgb(221,  
255, 179) }
```

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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