

Converting Colors

YUV(233.9420, -29.0584,
-13.1041)

Have a look what the booklet for
YUV(233.9420, -29.0584, -13.1041)
contains.

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Color

**YUV(233.9420, -29.0584,
-13.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFD AF
RGB	219, 253, 175
RGB Percent	86%, 99%, 69%
CMY	0.1412, 0.0078, 0.3137
CMYK	0.13, 0.00, 0.31, 0.01
HSL	86°, 95%, 84%
HSV	86°, 31%, 99%
XYZ	72.0766, 88.4058, 53.8226
YIQ	233.9420, 4.7740, -31.4660

Conversions

Conversions Part 2

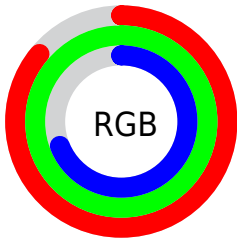
Format	Color
R _Y B	175, 253, 209
Decimal	14417327
CIE Lab	95.33, -23.92, 33.81
CIE LCh	95, 41.421, 125.278
Yxy	88.4058, 0.3363, 0.4125
Android (android.graphics.Color)	4292607407 (0xFFDBFDAF)
YUV	233.9420, -29.0584, -13.1041
Hunter-Lab	94.0243, -27.7093, 31.8775

Details

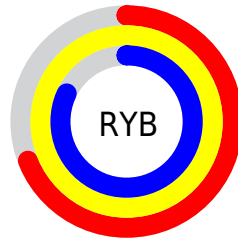
The YUV color $233.9420, -29.0584, -13.1041$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $194.0580, 29.0584, 13.1041$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, -10.4832, 2.3995$, and $177.6970, -27.4586, -12.8893$ is the 20% darker color. If you saturate the color by 10%, you get $227.8030, -38.3569, -17.3672$, and if you desaturate by 10%, it is $240.0810, -19.7599, -8.8410$.

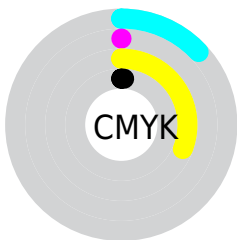
Distribution



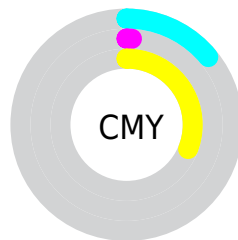
- Red (86%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (14%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9420, -29.0584, -13.1041 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 233.9420, -29.0584, -13.1041 by changing the saturation by 10% instead.

■ 233.9420,
-29.0584, -13.1041

■ 233.9420,
-29.0584, -13.1041

255.0000, 0.0000,
0.0000

■ 205.4690,
-28.3322, -12.6893

■ 252.2640,
-10.4832, 2.3995

■ 177.6970,
-27.4586, -12.8893

■ 150.8110,
-27.0218, -12.9892

■ 124.4520,
-25.8588, -12.6744

■ 99.5660, -25.4220,
-12.7744

■ 74.6800, -24.9852,
-12.8744

■ 50.6800, -24.9852,

-12.8744

■ 30.5900, -15.0809,
-16.3034

■ 15.8490, -7.8136,
-13.8996

■ 233.9420,
-29.0584, -13.1041

■ 233.9420,
-29.0584, -13.1041

■ 227.8030,
-38.3569, -17.3672

■ 240.0810,
-19.7599, -8.8410

■ 221.5500,
-48.0921, -21.5303

■ 246.3340,
-10.0247, -4.6779

■ 215.4110,
-57.3906, -25.7934

■ 252.4730, -0.7262,
-0.4148

■ 209.2720,
-66.6891, -30.0565

■ 253.8260, 0.5788,
1.0296

■ 203.1330,
-75.9876, -34.3196

■ 196.8800,
-85.7228, -38.4828

■ 191.2680,
-94.2951, -42.3310

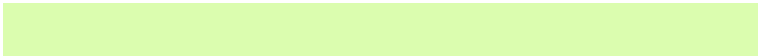
Harmonies

Analogous

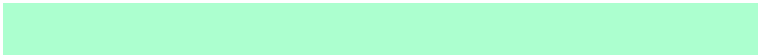
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.0660, -37.0075, 16.6051



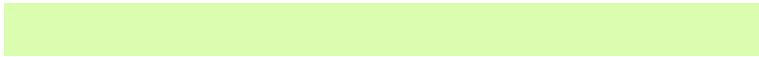
233.9420, -29.0584, -13.1041



224.7110, -8.7315, -46.2275

Triad

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



233.9420, -29.0584, -13.1041



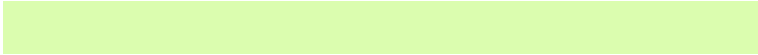
220.3160, 17.0992, -71.3141



227.0060, 4.4340, 24.5507

Complementary

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



233.9420, -29.0584, -13.1041



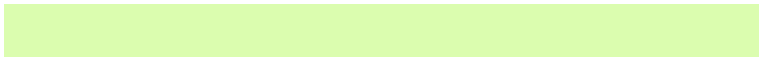
194.0580, 29.0584, 13.1041

Split Complementary

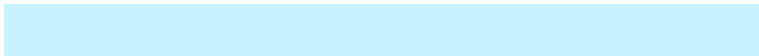
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.1070, 11.2862, 20.0772



233.9420, -29.0584, -13.1041



231.2120, 11.7275, -28.2499

Square

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



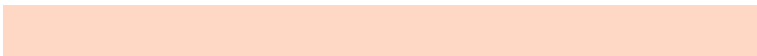
233.9420, -29.0584, -13.1041



210.4490, 21.9636, -91.6018



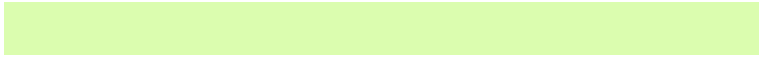
239.7380, 7.5242, 13.3848



225.4950, -14.0480, 25.8759

Rectangle

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



233.9420, -29.0584, -13.1041



218.5200, 7.6316, -67.9850



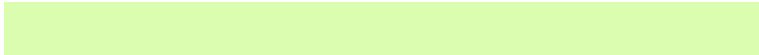
239.7380, 7.5242, 13.3848



229.1890, 10.2598, 22.6362

Sweetspot

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



233.9420, -29.0584, -13.1041



249.3880, -8.5723, -3.8483



218.2800, -21.3370, 30.4494



124.1970, -5.5201, -2.8038



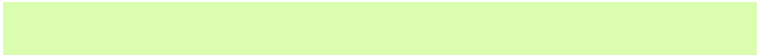
0.0000, 0.0000, 0.0000



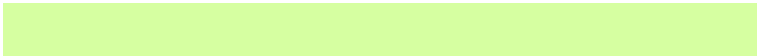
128.0000, 0.0000, 0.0000

Same Dimension

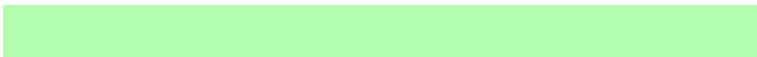
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.9420, -29.0584, -13.1041



232.0250, -35.0153, -15.8079



222.2810, -23.3095, -37.0804



124.7240, -4.7939, -2.3889



144.4090, -71.1936, -31.9307



48.3320, -23.8277, -10.8152

Inverse Universe

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



194.0580, 29.0584, 13.1041



183.9750, 35.0153, 15.8079



205.7190, 23.3095, 37.0804



117.9770, 4.9413, 1.7742



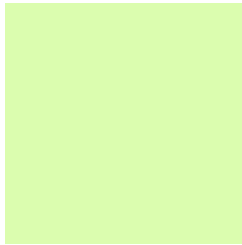
46.5910, 71.1936, 31.9307



15.6680, 23.8277, 10.8152

Previews

White Background



This preview shows how the YUV color 233.9420, -29.0584, -13.1041 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 233.9420, -29.0584, -13.1041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

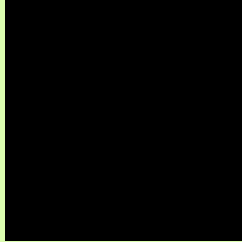
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

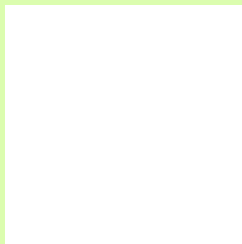
Any Text WCAG AAA ✓ Pass

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

YUV 233.9420, -29.0584, -13.1041 Background



This preview shows how black text looks on a background with the YUV color 233.9420, -29.0584, -13.1041.



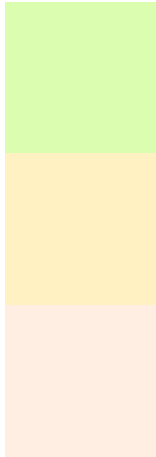
This preview shows how white text looks on a background with the YUV color 233.9420, -29.0584, -13.1041.

-13.1041.

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

233.9420, -29.0584, -13.1041

Protanopia

239.7140, -23.0300, 13.4058

Deuteranopia

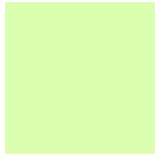
241.6010, -8.1843, 11.7509



Tritanopia

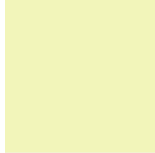
241.3890, 6.7102, -5.6032

Trichromacy



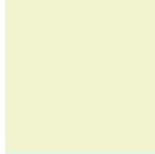
Original Color

233.9420, -29.0584, -13.1041



Protanomaly

237.3770, -25.3289, 4.0544



Deuteranomaly

238.5970, -15.5773, 2.9844



Tritanomaly

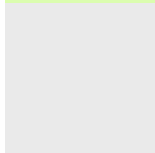
238.6370, -6.2300, -8.4516

Monochromacy



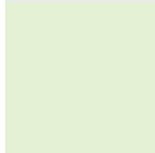
Original Color

233.9420, -29.0584, -13.1041



Achromatopsia

234.0000, 0.0000, 0.0000



Achromatomaly

234.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9420, -29.0584, -13.1041 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(219, 253, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 253, 175)  
}
```

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(219, 253, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 253, 175) }
```

Border

The CSS property to change the border of an element to YUV 233.9420, -29.0584, -13.1041 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(219, 253, 175) }
```


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

```
.border{ border-color:rgb(219, 253, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 253, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 253, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 253, 175); box-shadow:4px 4px 4px 4px rgb(219, 253, 175) }
```

Background

The CSS property to change the background color of an element to YUV 233.9420, -29.0584, -13.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 253, 175) }
```

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

```
.background{ background-color: rgb(219,  
253, 175) }
```

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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