

Converting Colors

YUV(235.0450, -28.6162,
-14.9485)

Have a look what the booklet for
YUV(235.0450, -28.6162, -14.9485)
contains.

YUV(235.0450, -28.6162, -14.9485)	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(235.0450, -28.6162,
-14.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFB1
RGB	218, 255, 177
RGB Percent	85%, 100%, 69%
CMY	0.1451, 0.0000, 0.3059
CMYK	0.15, 0.00, 0.31, 0.00
HSL	88°, 100%, 85%
HSV	88°, 31%, 100%
XYZ	72.6093, 89.5998, 55.0625
YIQ	235.0450, 2.9860, -32.1020

Conversions

Conversions Part 2

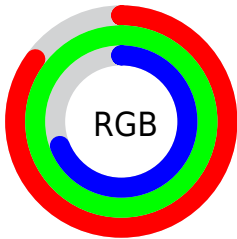
Format	Color
RYB	177, 255, 214
Decimal	14352305
CIELab	95.83, -24.95, 33.47
CIELCh	96, 41.748, 126.706
Yxy	89.5998, 0.3342, 0.4124
Android (android.graphics.Color)	4292542385 (0xFFDAFFB1)
YUV	235.0450, -28.6162, -14.9485
Hunter-Lab	94.6571, -28.7269, 31.7707

Details

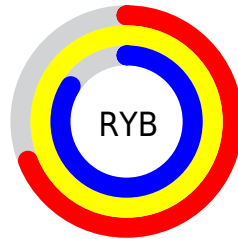
The YUV color $235.0450, -28.6162, -14.9485$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $196.9550, 28.6162, 14.9485$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $178.8000, -27.0164, -14.7336$ is the 20% darker color. If you saturate the color by 10%, you get $228.4930, -38.2040, -19.7264$, and if you desaturate by 10%, it is $241.5970, -19.0283, -10.1706$.

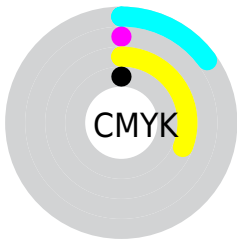
Distribution



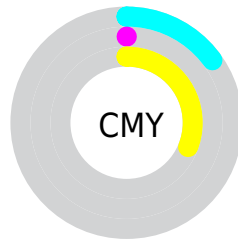
- Red (85%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0450, -28.6162, -14.9485 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 235.0450, -28.6162, -14.9485 by changing the saturation by 10% instead.

■ 235.0450,
-28.6162, -14.9485

■ 235.0450,
-28.6162, -14.9485

255.0000, 0.0000,
0.0000

■ 206.5720,
-27.8900, -14.5336

■ 252.4920, -9.6096,
2.1995

■ 178.8000,
-27.0164, -14.7336

■ 151.9140,
-26.5796, -14.8336

■ 125.4410,
-25.8534, -14.4188

■ 100.0820,
-24.6904, -14.1039

■ 75.7830, -24.5430,
-14.7187

■ 51.6690, -24.9798,

-14.6187

■ 30.5790, -15.0754,
-18.0478

■ 17.0230, -8.3923,
-14.9292

■ 235.0450,
-28.6162, -14.9485

■ 235.0450,
-28.6162, -14.9485

■ 228.4930,
-38.2040, -19.7264

■ 241.5970,
-19.0283, -10.1706

■ 222.0550,
-47.3551, -24.6042

■ 248.0350, -9.8773,
-5.2927

■ 215.5030,
-56.9430, -29.3821

■ 254.5870, -0.2894,
-0.5148

■ 209.0650,
-66.0940, -34.2600

■ 255.0000, 0.0000,
0.0000

■ 202.5130,
-75.6819, -39.0379

■ 195.7760,
-84.6856, -44.5306

■ 189.7510,
-93.5472, -48.8936

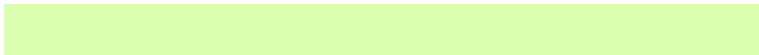
Harmonies

Analogous

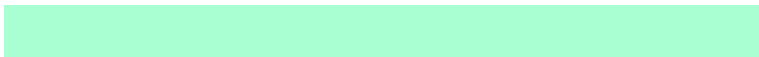
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3540, -37.1495, 15.4755



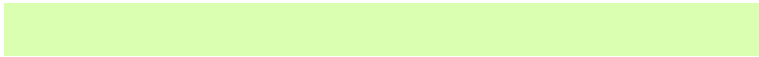
235.0450, -28.6162, -14.9485



224.4550, -7.1263, -47.7570

Triad

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



235.0450, -28.6162, -14.9485



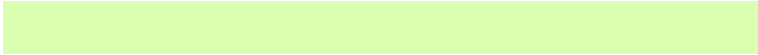
221.2130, 16.6570, -69.4698



227.4790, 3.7079, 24.1359

Complementary

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



235.0450, -28.6162, -14.9485



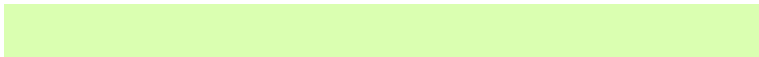
196.9550, 28.6162, 14.9485

Split Complementary

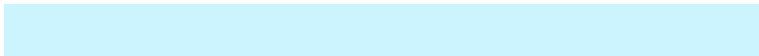
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6940, 10.9969, 19.5624



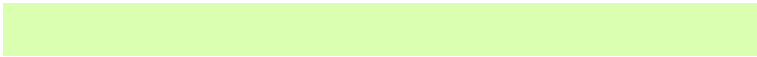
235.0450, -28.6162, -14.9485



232.9950, 10.8485, -26.3056

Square

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



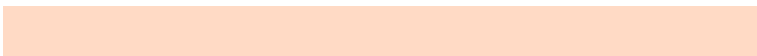
235.0450, -28.6162, -14.9485



210.7480, 21.8162, -90.9870



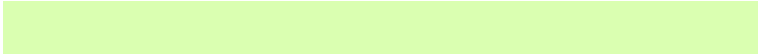
239.7380, 7.5242, 13.3848



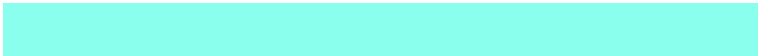
226.6690, -14.6268, 24.8463

Rectangle

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



235.0450, -28.6162, -14.9485



218.2640, 9.2368, -69.5145



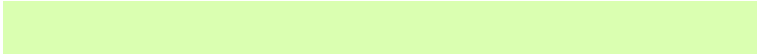
239.7380, 7.5242, 13.3848



229.6620, 9.5336, 22.2214

Sweetspot

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



235.0450, -28.6162, -14.9485



249.0890, -8.4249, -4.4631



221.4540, -21.9158, 29.4198



124.1970, -5.5201, -2.8038



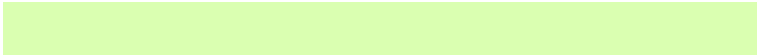
0.0000, 0.0000, 0.0000



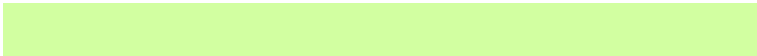
128.0000, 0.0000, 0.0000

Same Dimension

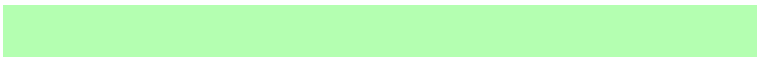
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0450, -28.6162, -14.9485



230.8290, -34.4257, -18.2670



223.6830, -23.0147, -38.3100



124.4250, -4.6465, -3.0037



142.3160, -70.1618, -36.2341



47.7340, -23.5329, -12.0447

Inverse Universe

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



196.9550, 28.6162, 14.9485



184.8720, 34.5731, 17.6523



208.3170, 23.0147, 38.3100



118.2760, 4.7939, 2.3889



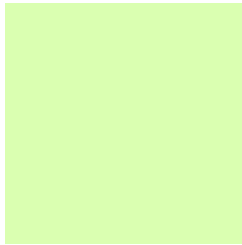
48.9830, 70.0144, 36.8489



16.2660, 23.5329, 12.0447

Previews

White Background



This preview shows how the YUV color 235.0450, -28.6162, -14.9485 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 235.0450, -28.6162, -14.9485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

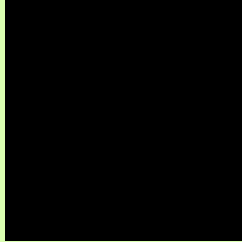
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

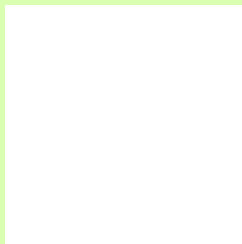
Any Text WCAG AAA ✓ Pass

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

YUV 235.0450, -28.6162, -14.9485 Background



This preview shows how black text looks on a background with the YUV color 235.0450, -28.6162, -14.9485.



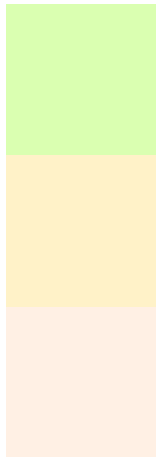
This preview shows how white text looks on a background with the YUV color 235.0450, -28.6162, -14.9485.

-14.9485.

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

235.0450, -28.6162, -14.9485

Protanopia

241.0990, -20.2618, 12.1912

Deuteranopia

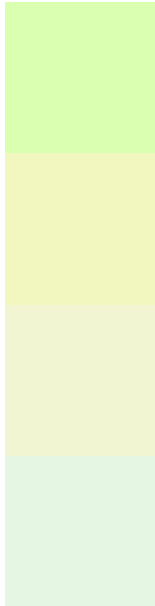
243.1170, -7.4527, 10.4214



Tritanopia

242.2750, 6.2734, -5.5032

Trichromacy



Original Color

235.0450, -28.6162, -14.9485

Protanomaly

239.2350, -23.2869, 2.4249

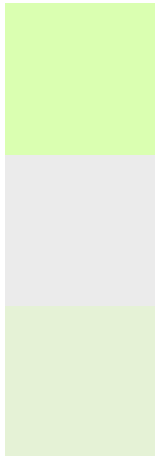
Deuteranomaly

239.9990, -15.2825, 1.7549

Tritanomaly

239.3380, -6.0826, -9.0664

Monochromacy



Original Color

235.0450, -28.6162, -14.9485

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.9210, -10.3141, -5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0450, -28.6162, -14.9485 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(218, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 177)  
}
```

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(218, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 177) }
```

Border

The CSS property to change the border of an element to YUV 235.0450, -28.6162, -14.9485 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(218, 255, 177) }
```


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

```
.border{ border-color:rgb(218, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 235.0450, -28.6162, -14.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 177) }
```

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

```
.background{ background-color: rgb(218,  
255, 177) }
```

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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