

Converting Colors

YUV(235.5440, -25.4112,
-16.2631)

Have a look what the booklet for
YUV(235.5440, -25.4112, -16.2631)
contains.

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Color

**YUV(235.5440, -25.4112,
-16.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFB8
RGB	217, 255, 184
RGB Percent	85%, 100%, 72%
CMY	0.1490, 0.0000, 0.2784
CMYK	0.15, 0.00, 0.28, 0.00
HSL	92°, 100%, 86%
HSV	92°, 28%, 100%
XYZ	73.0270, 89.7324, 58.8186
YIQ	235.5440, 0.1430, -30.1370

Conversions

Conversions Part 2

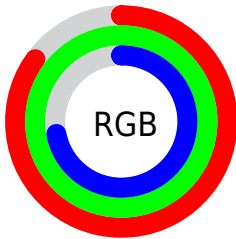
Format	Color
RYB	184, 255, 222
Decimal	14286776
CIELab	95.89, -24.32, 30.02
CIELCh	96, 38.633, 129.006
Yxy	89.7324, 0.3296, 0.4050
Android (android.graphics.Color)	4292476856 (0xFFD9FFB8)
YUV	235.5440, -25.4112, -16.2631
Hunter-Lab	94.7272, -28.1635, 29.4943

Details

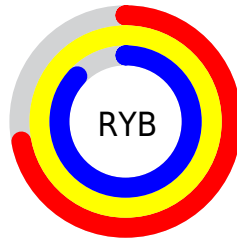
The YUV color **235.5440, -25.4112, -16.2631** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **203.4560, 25.4112, 16.2631**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2900, -6.5520, 1.4997**, and **179.1850, -24.2482, -15.9482** is the 20% darker color. If you saturate the color by 10%, you get **228.5080, -34.2674, -22.3705**, and if you desaturate by 10%, it is **242.6940, -16.1181, -10.2556**.

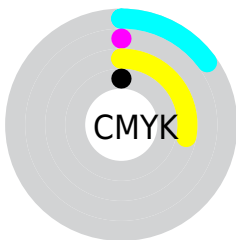
Distribution



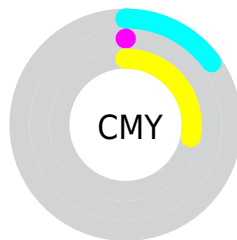
- Red (85%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5440, -25.4112, -16.2631 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 235.5440, -25.4112, -16.2631 by changing the saturation by 10% instead.

■ 235.5440,
-25.4112, -16.2631

■ 235.5440,
-25.4112, -16.2631

255.0000, 0.0000,
0.0000

■ 207.0710,
-24.6850, -15.8483

■ 253.2900, -6.5520,
1.4997

■ 179.1850,
-24.2482, -15.9482

■ 152.7120,
-23.5220, -15.5334

■ 126.2390,
-22.7958, -15.1186

■ 100.4670,
-21.9222, -15.3186

■ 76.5810, -21.4854,
-15.4185

■ 52.5810, -21.4854,

-15.4185

■ 31.1770, -15.3703,
-16.8182

■ 17.0230, -8.3923,
-14.9292

■ 235.5440,
-25.4112, -16.2631

■ 235.5440,
-25.4112, -16.2631

■ 228.5080,
-34.2674, -22.3705

■ 242.6940,
-16.1181, -10.2556

■ 221.6570,
-43.7079, -27.7632

■ 249.4310, -7.1145,
-4.7630

■ 214.5070,
-53.0010, -33.7706

255.0000, 0.0000,
0.0000

■ 207.4710,
-61.8572, -39.8781

■ 200.7340,
-70.8609, -45.3707

■ 193.5840,
-80.1539, -51.3782

■ 186.5480,
-89.0102, -57.4856

■ 185.2660,
-91.3361, -58.1153

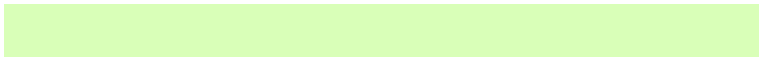
Harmonies

Analogous

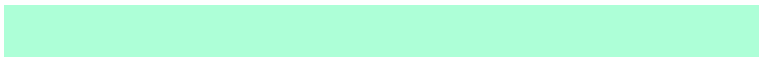
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.7390, -34.3813, 14.2609



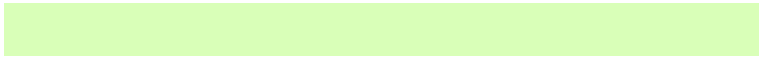
235.5440, -25.4112, -16.2631



225.9220, -5.3845, -46.4126

Triad

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



235.5440, -25.4112, -16.2631



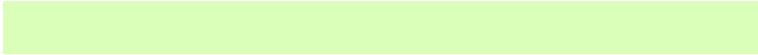
225.1110, 14.7353, -59.7333



229.0120, 1.9661, 22.7915

Complementary

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



235.5440, -25.4112, -16.2631



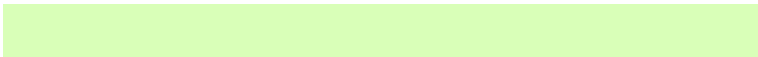
203.4560, 25.4112, 16.2631

Split Complementary

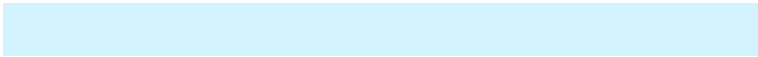
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.8680, 10.4181, 18.5328



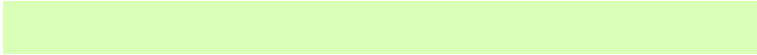
235.5440, -25.4112, -16.2631



234.8000, 9.9586, -20.8726

Square

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



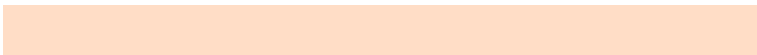
235.5440, -25.4112, -16.2631



216.1300, 19.1629, -79.9210



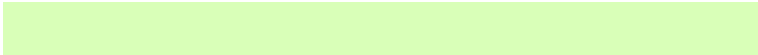
240.3250, 7.2348, 12.8700



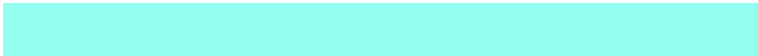
228.5440, -15.0582, 23.2019

Rectangle

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



235.5440, -25.4112, -16.2631



221.1120, 9.8048, -64.9962



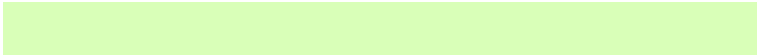
240.3250, 7.2348, 12.8700



230.4940, 7.6445, 21.4918

Sweetspot

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



235.5440, -25.4112, -16.2631



249.4310, -7.1145, -4.7630



227.5350, -21.4628, 24.0868



124.4250, -4.6465, -3.0037



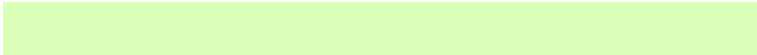
0.0000, 0.0000, 0.0000



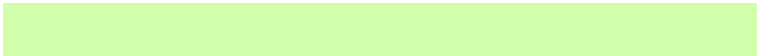
128.0000, 0.0000, 0.0000

Same Dimension

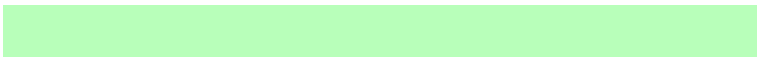
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5440, -25.4112, -16.2631



231.9690, -30.0577, -19.2668



225.9050, -19.6732, -36.7507



124.4250, -4.6465, -3.0037



138.7280, -68.3929, -43.6115



46.5380, -22.9432, -14.5038

Inverse Universe

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



203.4560, 25.4112, 16.2631



194.0310, 30.0577, 19.2668



213.0950, 19.6732, 36.7507



118.5750, 4.6465, 3.0037



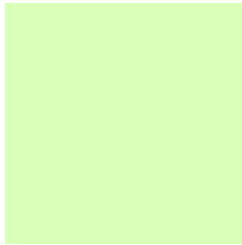
52.2720, 68.3929, 43.6115



17.4620, 22.9432, 14.5038

Previews

White Background



This preview shows how the YUV color 235.5440, -25.4112, -16.2631 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 235.5440, -25.4112, -16.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

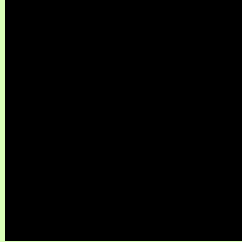
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

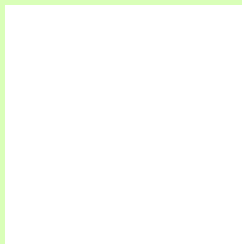
Any Text WCAG AAA ✓ Pass

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

YUV 235.5440, -25.4112, -16.2631 Background



This preview shows how black text looks on a background with the YUV color 235.5440, -25.4112, -16.2631.



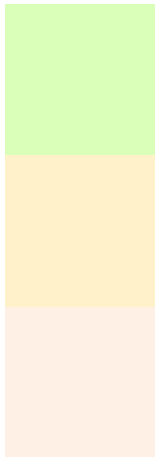
This preview shows how white text looks on a background with the YUV color 235.5440, -25.4112, -16.2631.

-16.2631.

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

235.5440, -25.4112, -16.2631

Protanopia

241.3270, -19.3882, 11.9912

Deuteranopia

243.2310, -7.0159, 10.3214



Tritanopia

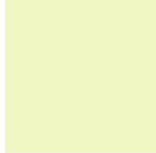
242.5630, 6.1314, -6.6328

Trichromacy



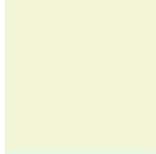
Original Color

235.5440, -25.4112, -16.2631



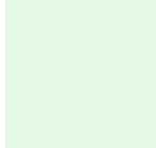
Protanomaly

239.2780, -21.8291, 1.5102



Deuteranomaly

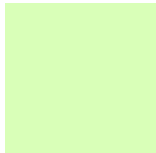
240.1560, -13.3879, 0.7402



Tritanomaly

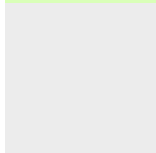
239.8540, -5.3510, -10.3960

Monochromacy



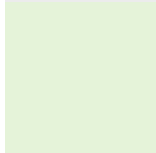
Original Color

235.5440, -25.4112, -16.2631



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

235.8500, -9.2930, -6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5440, -25.4112, -16.2631 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(217, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 184)  
}
```

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(217, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 184) }
```

Border

The CSS property to change the border of an element to YUV 235.5440, -25.4112, -16.2631 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(217, 255, 184) }
```


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

```
.border{ border-color:rgb(217, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 235.5440, -25.4112, -16.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 184) }
```

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

```
.background{ background-color: rgb(217,  
255, 184) }
```

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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