

Converting Colors

YUV(239.2480, -16.3913,
-16.0035)

Have a look what the booklet for
YUV(239.2480, -16.3913, -16.0035)
contains.

YUV(239.2480, -16.3913, -16.0035)	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(239.2480, -16.3913,
-16.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFCE
RGB	221, 255, 206
RGB Percent	87%, 100%, 81%
CMY	0.1333, 0.0000, 0.1922
CMYK	0.13, 0.00, 0.19, 0.00
HSL	102°, 100%, 90%
HSV	102°, 19%, 100%
XYZ	76.7194, 91.3484, 71.9810
YIQ	239.2480, -4.5350, -22.4470

Conversions

Conversions Part 2

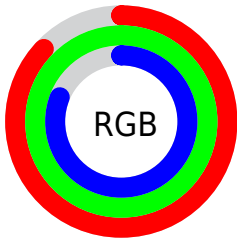
Format	Color
RYB	206, 255, 240
Decimal	14548942
CIELab	96.55, -19.60, 19.83
CIELCh	97, 27.883, 134.668
Yxy	91.3484, 0.3196, 0.3805
Android (android.graphics.Color)	4292739022 (0xFFDDFFCE)
YUV	239.2480, -16.3913, -16.0035
Hunter-Lab	95.5763, -23.9762, 22.2506

Details

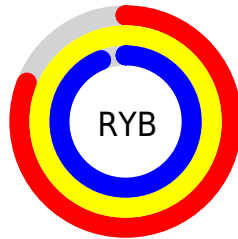
The YUV color $239.2480, -16.3913, -16.0035$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $221.7520, 16.3913, 16.0035$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.1880, -15.3757, -15.0739$ is the 20% darker color. If you saturate the color by 10%, you get $230.9020, -25.0947, -24.4701$, and if you desaturate by 10%, it is $247.5940, -7.6878, -7.5369$.

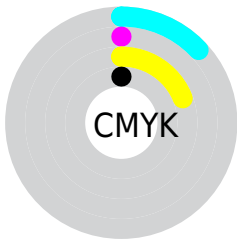
Distribution



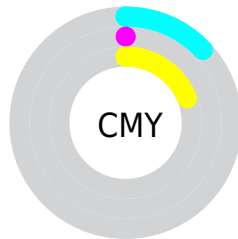
- Red (87%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.2480, -16.3913, -16.0035 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 239.2480, -16.3913, -16.0035 by changing the saturation by 10% instead.

■ 239.2480,
-16.3913, -16.0035

■ 239.2480,
-16.3913, -16.0035

255.0000, 0.0000,
0.0000

■ 210.6610,
-16.1019, -15.4887

■ 183.1880,
-15.3757, -15.0739

■ 156.3020,
-14.9389, -15.1739

■ 129.7150,
-14.6495, -14.6591

■ 104.8290,
-14.2127, -14.7590

■ 80.3560, -13.4865,
-14.3442

■ 56.8830, -12.7603,

-13.9294

■ 34.2960, -12.4709,
-13.4146

■ 16.4360, -8.1029,
-14.4144

■ 239.2480,
-16.3913, -16.0035

■ 239.2480,
-16.3913, -16.0035

■ 230.9020,
-25.0947, -24.4701

■ 247.5940, -7.6878,
-7.5369

■ 222.9690,
-33.5087, -32.4218

255.0000, 0.0000,
0.0000

■ 214.7370,
-41.7753, -40.9883

■ 206.3910,
-50.4788, -49.4549

■ 198.4580,
-58.8928, -57.4067

■ 190.1120,
-67.5962, -65.8732

■ 181.7660,
-76.2996, -74.3398

■ 173.5340,
-84.5663, -82.9063

■ 173.0070,
-85.2925, -83.3211

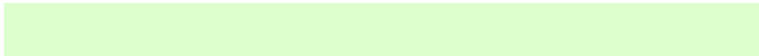
Harmonies

Analogous

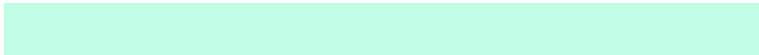
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.9260, -24.6135, 7.9579



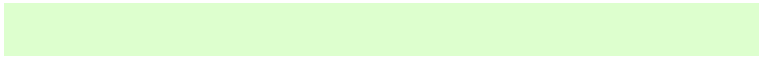
239.2480, -16.3913, -16.0035



233.3130, -1.6333, -36.2315

Triad

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



239.2480, -16.3913, -16.0035



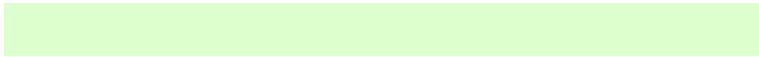
235.5980, 9.5652, -34.7274



235.4690, -1.2172, 17.1287

Complementary

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



239.2480, -16.3913, -16.0035



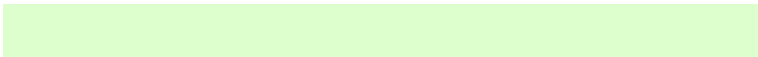
221.7520, 16.3913, 16.0035

Split Complementary

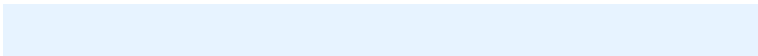
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 8.1029, 14.4144



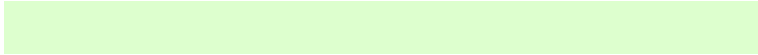
239.2480, -16.3913, -16.0035



240.7800, 7.0105, -8.5771

Square

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



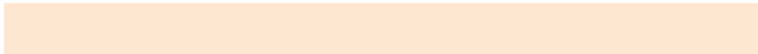
239.2480, -16.3913, -16.0035



230.4820, 12.0874, -50.4117



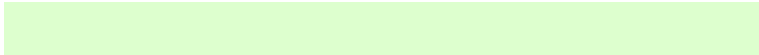
242.6730, 6.0772, 10.8108



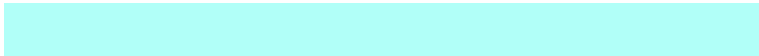
234.9670, -13.2947, 17.5689

Rectangle

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



239.2480, -16.3913, -16.0035



230.8800, 8.4402, -47.2528



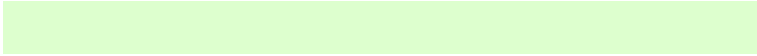
242.6730, 6.0772, 10.8108



236.4950, 2.7140, 16.2289

Sweetspot

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



239.2480, -16.3913, -16.0035



250.0010, -4.9305, -5.2629



240.0220, -16.7728, 13.1357



124.8810, -2.8993, -3.4036



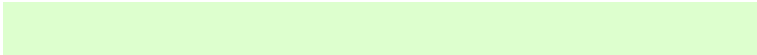
0.0000, 0.0000, 0.0000



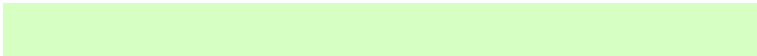
128.0000, 0.0000, 0.0000

Same Dimension

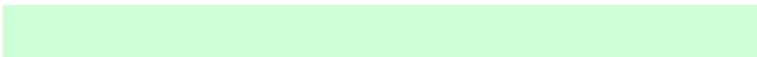
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.2480, -16.3913, -16.0035



236.0150, -19.7274, -19.3072



235.7890, -10.2490, -26.1250



123.8270, -4.3517, -4.2333



129.7580, -63.9707, -62.0548



43.5480, -21.4692, -20.6516

Inverse Universe

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



221.7520, 16.3913, 16.0035



214.9850, 19.7274, 19.3072



225.2110, 10.2490, 26.1250



119.1730, 4.3517, 4.2333



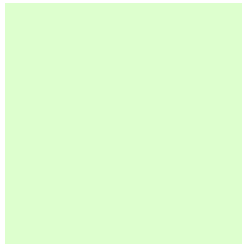
61.5410, 63.8233, 62.6695



20.4520, 21.4692, 20.6516

Previews

White Background



This preview shows how the YUV color 239.2480, -16.3913, -16.0035 looks on a white background.

Color Contrast Check

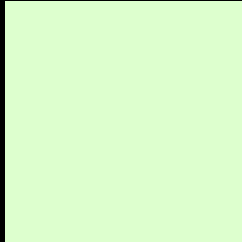
Large Text (above 18pt) WCAG AA × Fail

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 239.2480, -16.3913, -16.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

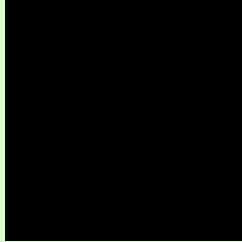
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

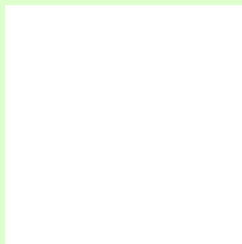
Any Text WCAG AAA ✓ Pass

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

YUV 239.2480, -16.3913, -16.0035 Background



This preview shows how black text looks on a background with the YUV color 239.2480, -16.3913, -16.0035.



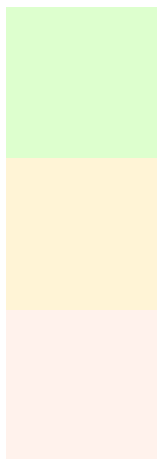
This preview shows how white text looks on a background with the YUV color 239.2480, -16.3913, -16.0035.

-16.0035.

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

239.2480, -16.3913, -16.0035

Protanopia

243.8690, -14.7254, 9.7619

Deuteranopia

245.2030, -4.5371, 8.5920



Tritanopia

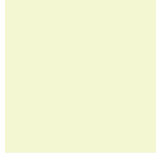
244.6340, 5.1104, -5.8180

Trichromacy



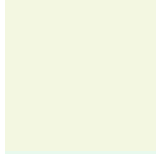
Original Color

239.2480, -16.3913, -16.0035



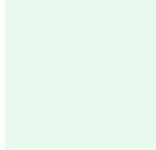
Protanomaly

242.2870, -15.4245, 0.6253



Deuteranomaly

243.2960, -9.0199, -0.2596



Tritanomaly

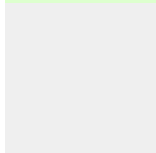
242.5490, -2.7357, -9.2515

Monochromacy



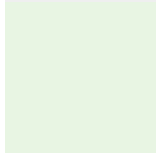
Original Color

239.2480, -16.3913, -16.0035



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.2480, -16.3913, -16.0035 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 206) }
```

Border

The CSS property to change the border of an element to YUV 239.2480, -16.3913, -16.0035 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, 206) }
```


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

```
.border{ border-color:rgb(221, 255, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 239.2480, -16.3913, -16.0035 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, 206) }
```

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

```
.background{ background-color: rgb(221,  
255, 206) }
```

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