

Converting Colors

YUV(237.3400, -15.9436,
-19.5922)

Have a look what the booklet for
YUV(237.3400, -15.9436, -19.5922)
contains.

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Color

**YUV(237.3400, -15.9436,
-19.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFCD
RGB	215, 255, 205
RGB Percent	84%, 100%, 80%
CMY	0.1569, 0.0000, 0.1961
CMYK	0.16, 0.00, 0.20, 0.00
HSL	108°, 100%, 90%
HSV	108°, 20%, 100%
XYZ	74.8038, 90.3749, 71.2591
YIQ	237.3400, -7.7900, -24.0300

Conversions

Conversions Part 2

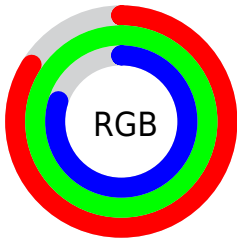
Format	Color
RYB	205, 255, 245
Decimal	14155725
CIELab	96.15, -21.78, 19.72
CIELCh	96, 29.382, 137.837
Yxy	90.3749, 0.3164, 0.3822
Android (android.graphics.Color)	4292345805 (0xFFD7FFCD)
YUV	237.3400, -15.9436, -19.5922
Hunter-Lab	95.0657, -25.9097, 22.1035

Details

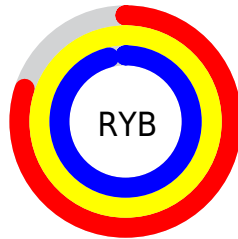
The YUV color $237.3400, -15.9436, -19.5922$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $222.6600, 15.9436, 19.5922$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.2800, -14.9280, -18.6626$ is the 20% darker color. If you saturate the color by 10%, you get $228.3960, -24.3522, -29.2883$, and if you desaturate by 10%, it is $246.2840, -7.5350, -9.8961$.

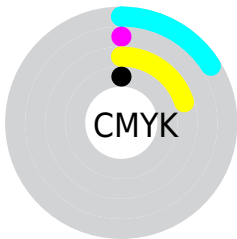
Distribution



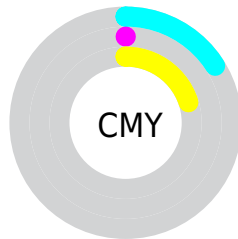
- Red (84%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.3400, -15.9436, -19.5922 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 237.3400, -15.9436, -19.5922 by changing the saturation by 10% instead.

■ 237.3400,
-15.9436, -19.5922

■ 237.3400,
-15.9436, -19.5922

255.0000, 0.0000,
0.0000

■ 208.7530,
-15.6542, -19.0774

■ 181.2800,
-14.9280, -18.6626

■ 154.3940,
-14.4912, -18.7625

■ 127.9210,
-13.7651, -18.3477

■ 102.6330,
-13.6231, -17.2181

■ 78.4480, -13.0389,
-17.9329

■ 54.9750, -12.3127,

-17.5181

■ 32.0890, -11.8759,
-17.6181

■ 16.4360, -8.1029,
-14.4144

■ 237.3400,
-15.9436, -19.5922

■ 237.3400,
-15.9436, -19.5922

■ 228.3960,
-24.3522, -29.2883

■ 246.2840, -7.5350,
-9.8961

■ 219.2670,
-32.1766, -39.6992

255.0000, 0.0000,
0.0000

■ 210.4370,
-40.1484, -49.4952

■ 201.1940,
-48.4096, -59.8061

■ 192.3640,
-56.3815, -69.6022

■ 183.4200,
-64.7901, -79.2983

■ 174.1770,
-73.0513, -89.6092

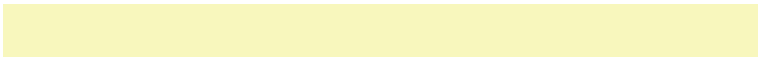
■ 165.3470,
-81.0231, -99.4053

■ 164.9340,
-81.3125, -99.9201

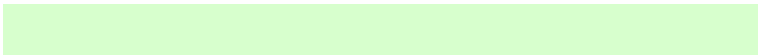
Harmonies

Analogous

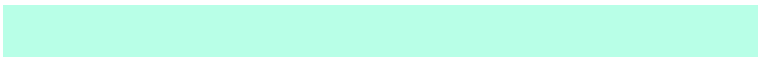
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6870, -25.4817, 6.4135



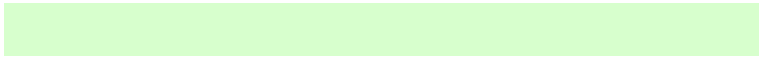
237.3400, -15.9436, -19.5922



231.0350, -0.0173, -41.2497

Triad

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



237.3400, -15.9436, -19.5922



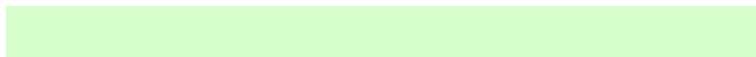
234.1250, 10.2914, -34.3126



233.7250, -2.8224, 18.6582

Complementary

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



237.3400, -15.9436, -19.5922



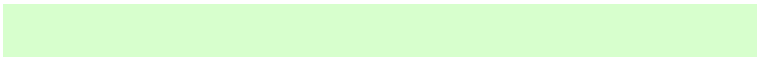
222.6600, 15.9436, 19.5922

Split Complementary

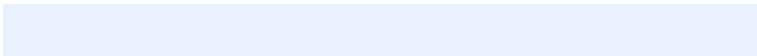
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



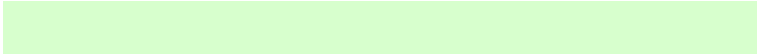
237.3400, -15.9436, -19.5922



240.2040, 7.2944, -6.3179

Square

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



237.3400, -15.9436, -19.5922



228.9870, 12.8244, -53.4856



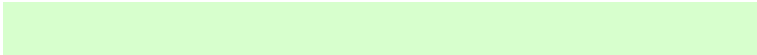
240.9120, 6.9454, 12.3552



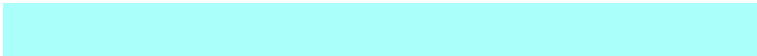
233.8100, -15.1893, 18.5836

Rectangle

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



237.3400, -15.9436, -19.5922



229.1290, 10.7824, -51.8561



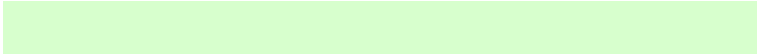
240.9120, 6.9454, 12.3552



234.7510, 1.1088, 17.7584

Sweetspot

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



237.3400, -15.9436, -19.5922



249.7020, -4.7831, -5.8777



243.4300, -18.9460, 10.1469



124.5820, -2.7519, -4.0184



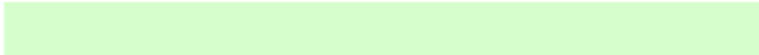
0.0000, 0.0000, 0.0000



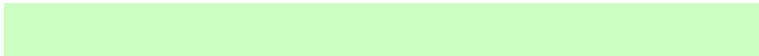
128.0000, 0.0000, 0.0000

Same Dimension

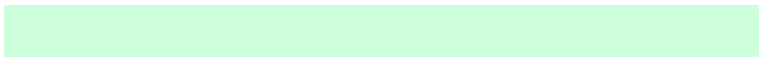
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.3400, -15.9436, -19.5922



233.3950, -19.4217, -24.0254



236.0600, -7.9176, -27.2396



123.2290, -4.0569, -5.4628



123.4790, -60.8751, -74.9651



41.4550, -20.4373, -24.9550

Inverse Universe

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



222.6600, 15.9436, 19.5922



215.6050, 19.4217, 24.0254



223.9400, 7.9176, 27.2396



119.4720, 4.2043, 4.8481



67.5210, 60.8751, 74.9651



22.5450, 20.4373, 24.9550

Previews

White Background



This preview shows how the YUV color 237.3400, -15.9436, -19.5922 looks on a white background.

Color Contrast Check

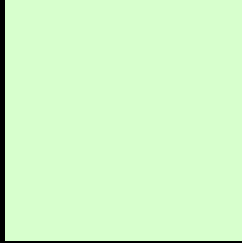
Large Text (above 18pt) WCAG AA × Fail

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 237.3400, -15.9436, -19.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

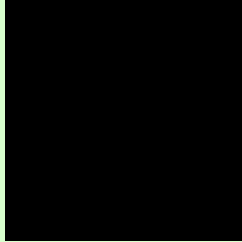
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

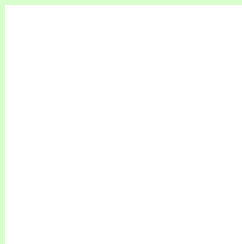
Any Text WCAG AAA ✓ Pass

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

YUV 237.3400, -15.9436, -19.5922 Background



This preview shows how black text looks on a background with the YUV color 237.3400, -15.9436, -19.5922.



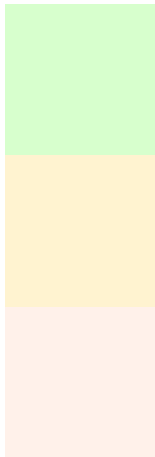
This preview shows how white text looks on a background with the YUV color 237.3400, -15.9436, -19.5922.

-19.5922.

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

237.3400, -15.9436, -19.5922

Protanopia

242.5980, -17.0568, 10.8766

Deuteranopia

244.3880, -5.1213, 9.3067



Tritanopia

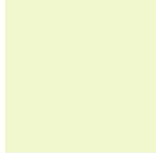
243.1500, 5.8421, -7.1475

Trichromacy



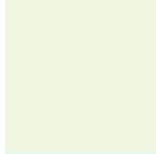
Original Color

237.3400, -15.9436, -19.5922



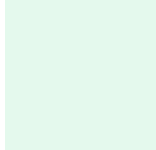
Protanomaly

240.3470, -16.4401, -0.3043



Deuteranomaly

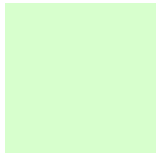
241.5840, -9.1619, -1.3892



Tritanomaly

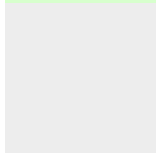
241.3530, -2.1460, -11.7106

Monochromacy



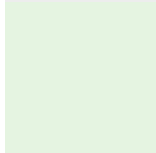
Original Color

237.3400, -15.9436, -19.5922



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

237.3490, -6.0881, -7.3221

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.3400, -15.9436, -19.5922 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(215, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 205)  
}
```

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(215, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 205) }
```

Border

The CSS property to change the border of an element to YUV 237.3400, -15.9436, -19.5922 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(215, 255, 205) }
```


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

```
.border{ border-color:rgb(215, 255, 205) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 237.3400, -15.9436, -19.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 205) }
```

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

```
.background{ background-color: rgb(215,  
255, 205) }
```

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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