

Converting Colors

YUV(235.1700, -7.9718, -9.7961)

Have a look what the booklet for
YUV(235.1700, -7.9718, -9.7961)
contains.

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Color

**YUV(235.1700, -7.9718,
-9.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F4DB
RGB	224, 244, 219
RGB Percent	88%, 96%, 86%
CMY	0.1216, 0.0431, 0.1412
CMYK	0.08, 0.00, 0.10, 0.04
HSL	108°, 53%, 91%
HSV	108°, 10%, 96%
XYZ	75.8773, 85.6631, 79.5533
YIQ	235.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

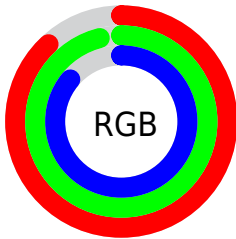
Format	Color
R _Y B	219, 244, 239
Decimal	14742747
CIE Lab	94.17, -11.03, 9.81
CIE LCh	94, 14.762, 138.348
Yxy	85.6631, 0.3147, 0.3553
Android (android.graphics.Color)	4292932827 (0xFFE0F4DB)
YUV	235.1700, -7.9718, -9.7961
Hunter-Lab	92.5544, -15.6334, 13.8265

Details

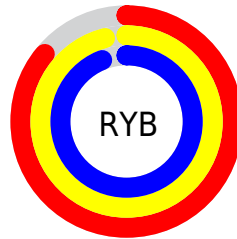
The YUV color $235.1700, -7.9718, -9.7961$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $227.8300, 7.9718, 9.7961$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.5830, -7.6824, -9.2813$ is the 20% darker color. If you saturate the color by 10%, you get $226.4540, -15.5068, -19.6922$, and if you desaturate by 10%, it is $243.8860, -0.4368, 0.1000$.

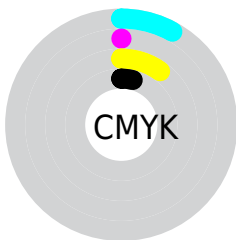
Distribution



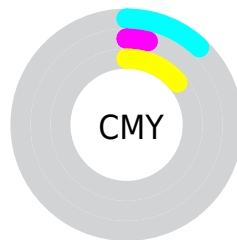
- Red (88%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.1700, -7.9718, -9.7961 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 235.1700, -7.9718, -9.7961 by changing the saturation by 10% instead.

■ 235.1700, -7.9718,
-9.7961

■ 235.1700, -7.9718,
-9.7961

255.0000, 0.0000,
0.0000

■ 207.1700, -7.9718,
-9.7961

■ 179.5830, -7.6824,
-9.2813

■ 152.6970, -7.2456,
-9.3813

■ 126.9960, -7.3930,
-8.7665

■ 101.5230, -6.6668,
-8.3517

■ 77.5230, -6.6668,
-8.3517

■ 54.9360, -6.3774,

-7.8369

■ 33.1640, -5.5039,
-8.0368

■ 11.7400, -5.7878,
-10.2960

■ 235.1700, -7.9718,
-9.7961

■ 235.1700, -7.9718,
-9.7961

■ 226.4540,
-15.5068, -19.6922

■ 243.8860, -0.4368,
0.1000

■ 217.9230,
-23.6260, -28.8735

■ 248.5430, 3.1833,
5.6628

■ 209.2070,
-31.1611, -38.7695

■ 200.6760,
-39.2803, -47.9509

■ 191.9600,
-46.8153, -57.8469

■ 183.5430,
-54.4977, -67.1282

■ 174.7130,
-62.4695, -76.9243

■ 166.2960,
-70.1519, -86.2056

■ 157.8790,
-77.8343, -95.4869

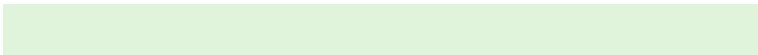
Harmonies

Analogous

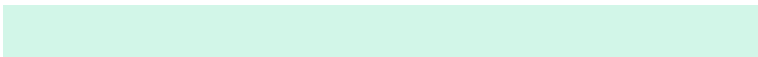
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6940, -12.6671, 2.8994



235.1700, -7.9718, -9.7961



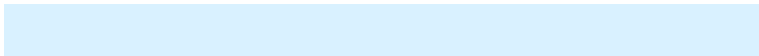
233.6400, -0.8085, -20.7323

Triad

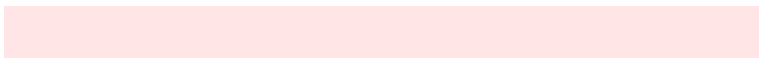
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.1700, -7.9718, -9.7961



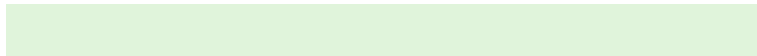
235.4200, 9.6529, -16.1543



236.8880, -3.3958, 15.8842

Complementary

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



235.1700, -7.9718, -9.7961



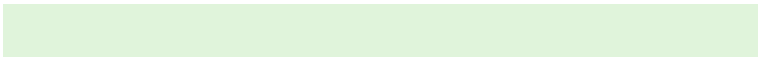
227.8300, 7.9718, 9.7961

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.



238.4840, 2.7194, 14.4845



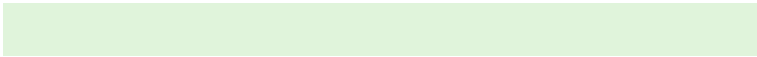
235.1700, -7.9718, -9.7961



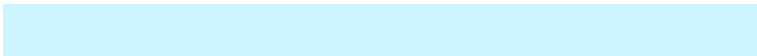
237.5680, 8.5940, -3.1291

Square

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



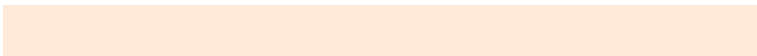
235.1700, -7.9718, -9.7961



234.1800, 10.2643, -25.5909



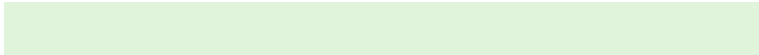
240.3030, 7.2456, 9.3813



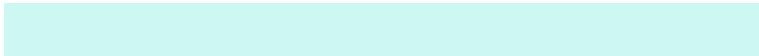
236.5800, -9.6529, 16.1543

Rectangle

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



235.1700, -7.9718, -9.7961



233.5730, 4.1545, -25.9355



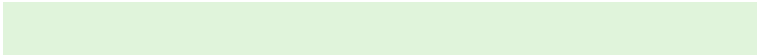
240.3030, 7.2456, 9.3813



237.4580, -1.2118, 15.3843

Sweetspot

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



235.1700, -7.9718, -9.7961



252.2940, -2.6099, -2.8888



238.2150, -9.4730, 5.0734



125.8210, -1.8838, -2.4740



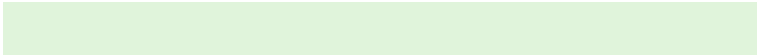
0.0000, 0.0000, 0.0000



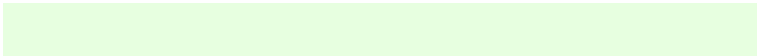
128.0000, 0.0000, 0.0000

Same Dimension

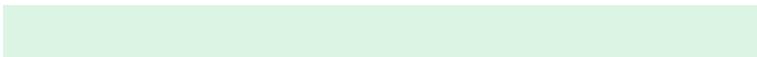
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.1700, -7.9718, -9.7961



244.2900, -10.0030, -11.6553



234.5870, -3.7404, -13.6698



117.9410, -3.9149, -4.3333



120.2450, -59.2808, -73.0059



38.2210, -18.8430, -22.9958

Inverse Universe

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



227.8300, 7.9718, 9.7961



235.0090, 9.8556, 12.2701



228.5270, 4.1772, 13.5698



114.3580, 3.7675, 4.9480



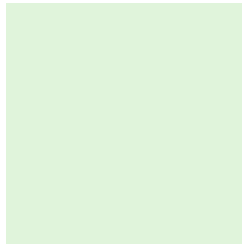
65.7550, 59.2808, 73.0059



20.7790, 18.8430, 22.9958

Previews

White Background



This preview shows how the YUV color 235.1700, -7.9718, -9.7961 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 235.1700, -7.9718, -9.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

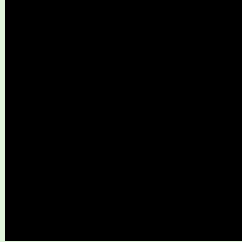
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

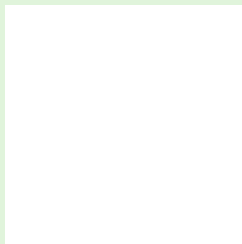
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.1700, -7.9718, -9.7961

Background



This preview shows how black text looks on a background with the YUV color 235.1700, -7.9718, -9.7961.



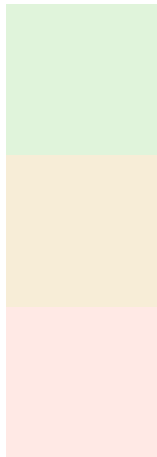
This preview shows how white text looks on a background with the YUV color 235.1700, -7.9718, -9.7961.

-9.7961.

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

235.1700, -7.9718, -9.7961

Protanopia

237.4820, -11.0836, 8.3473

Deuteranopia

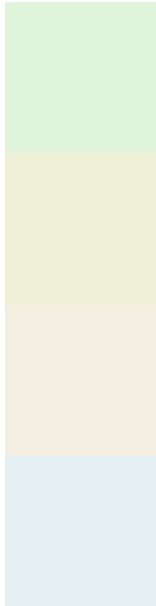
239.1220, -4.9901, 13.9250



Tritanopia

237.8450, 8.4574, -6.0031

Trichromacy



Original Color

235.1700, -7.9718, -9.7961

Protanomaly

236.9650, -10.3357, 1.7847

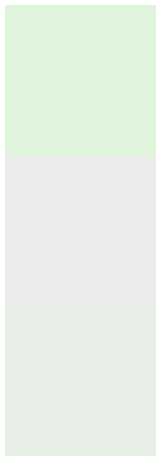
Deuteranomaly

237.7250, -6.2734, 5.5032

Tritanomaly

236.6400, 2.6425, -7.5773

Monochromacy



Original Color

235.1700, -7.9718, -9.7961

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.8810, -2.8993, -3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.1700, -7.9718, -9.7961 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(224, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 219)  
}
```

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(224, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 219) }
```

Border

The CSS property to change the border of an element to YUV 235.1700, -7.9718, -9.7961 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(224, 244, 219) }
```


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

```
.border{ border-color:rgb(224, 244, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 244, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 235.1700, -7.9718, -9.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 219) }
```

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

```
.background{ background-color: rgb(224,  
244, 219) }
```

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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