

Converting Colors

YUV(235.0710, -41.4470,
-6.2013)

Have a look what the booklet for
YUV(235.0710, -41.4470, -6.2013)
contains.

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Color

**YUV(235.0710, -41.4470,
-6.2013)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FF97
RGB	228, 255, 151
RGB Percent	89%, 100%, 59%
CMY	0.1059, 0.0000, 0.4078
CMYK	0.11, 0.00, 0.41, 0.00
HSL	76°, 100%, 80%
HSV	76°, 41%, 100%
XYZ	73.3408, 90.2483, 42.8324
YIQ	235.0710, 17.2920, -38.0680

Conversions

Conversions Part 2

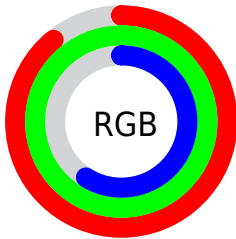
Format	Color
RYB	151, 255, 178
Decimal	15007639
CIELab	96.10, -24.58, 46.73
CIElCh	96, 52.803, 117.746
Yxy	90.2483, 0.3553, 0.4372
Android (android.graphics.Color)	4293197719 (0xFFE4FF97)
YUV	235.0710, -41.4470, -6.2013
Hunter-Lab	94.9991, -28.4437, 39.7672

Details

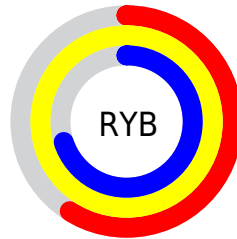
The YUV color **235.0710, -41.4470, -6.2013** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **170.9290, 41.4470, 6.2013**, and the grayscale version is **235.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.5280, -20.9663, 4.7989**, and **178.5270, -39.6998, -6.6012** is the 20% darker color. If you saturate the color by 10%, you get **230.1280, -51.3351, -8.0053**, and if you desaturate by 10%, it is **240.1280, -31.1221, -4.4973**.

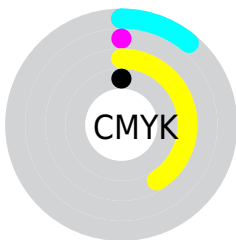
Distribution



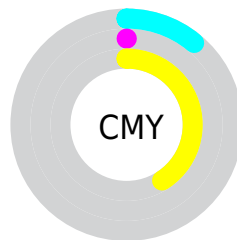
- Red (89%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0710, -41.4470, -6.2013 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 235.0710, -41.4470, -6.2013 by changing the saturation by 10% instead.

■ 235.0710,
-41.4470, -6.2013

■ 235.0710,
-41.4470, -6.2013

255.0000, 0.0000,
0.0000

■ 206.2990,
-40.5734, -6.4012

■ 249.5280,
-20.9663, 4.7989

■ 178.5270,
-39.6998, -6.6012

■ 252.7200, -8.7360,
1.9996

■ 151.6410,
-39.2630, -6.7012

■ 124.8690,
-38.3894, -6.9011

■ 98.9290, -39.4050,
-7.8307

■ 74.6130, -36.7842,
-8.4306

■ 53.0500, -26.1536,

-11.4448

■ 31.1770, -15.3703,
-16.8182

■ 17.0230, -8.3923,
-14.9292

■ 235.0710,
-41.4470, -6.2013

■ 235.0710,
-41.4470, -6.2013

■ 230.1280,
-51.3351, -8.0053

■ 240.1280,
-31.1221, -4.4973

■ 225.3700,
-61.8074, -9.0945

■ 244.7720,
-21.0866, -3.3080

■ 220.4270,
-71.6955, -10.8985

■ 249.8290,
-10.7617, -1.6040

■ 215.6690,
-82.1678, -11.9877

■ 254.4730, -0.7262,
-0.4148

■ 210.7260, 255.0000, 0.0000,
-92.0559, -13.7917 0.0000

■ 206.1960,
-101.6546, -15.0809

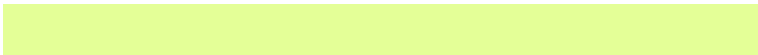
Harmonies

Analogous

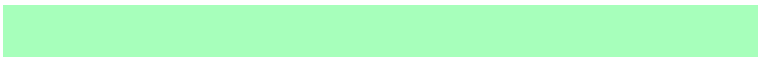
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4980, -45.6015, 19.7343



235.0710, -41.4470, -6.2013



220.9360, -16.7304, -47.3019

Triad

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



235.0710, -41.4470, -6.2013



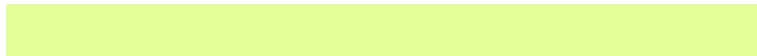
190.4160, 31.8399, -132.7918



224.4930, 12.5750, 26.7546

Complementary

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



235.0710, -41.4470, -6.2013



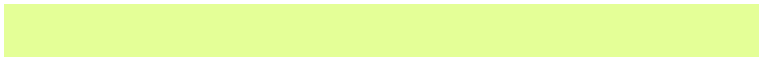
170.9290, 41.4470, 6.2013

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.



230.9330, 11.8650, 21.1068



235.0710, -41.4470, -6.2013



223.3610, 15.5980, -56.4446

Square

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



235.0710, -41.4470, -6.2013



178.7550, 37.5888, -156.7681



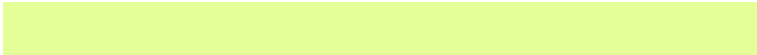
238.2100, 8.2775, 5.0778



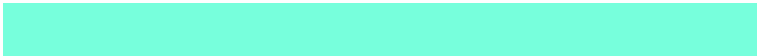
220.4400, -10.5699, 30.3091

Rectangle

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



235.0710, -41.4470, -6.2013



210.3460, 4.7594, -80.1104



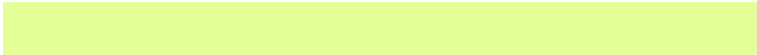
238.2100, 8.2775, 5.0778



226.2370, 14.1802, 25.2252

Sweetspot

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



235.0710, -41.4470, -6.2013



249.0740, -12.3615, -1.8189



197.3580, -22.8545, 50.5520



124.4530, -7.1253, -1.2743



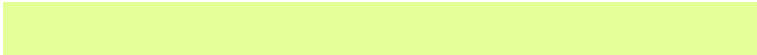
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

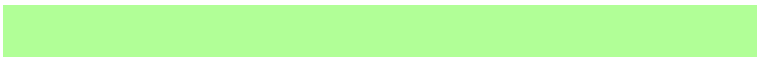
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0710, -41.4470, -6.2013



231.1820, -49.8827, -7.1756



219.8220, -33.9292, -37.5549



125.3220, -5.0887, -1.1594



154.5750, -76.2055, -11.0283



51.6210, -25.4492, -4.0526

Inverse Universe

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



170.9290, 41.4470, 6.2013



153.8180, 49.8827, 7.1756



186.1780, 33.9292, 37.5549



117.3790, 5.2362, 0.5446



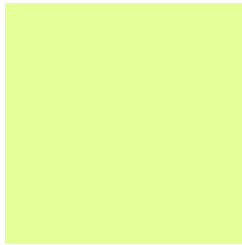
36.7240, 76.0581, 11.6431



12.3790, 25.4492, 4.0526

Previews

White Background



This preview shows how the YUV color 235.0710, -41.4470, -6.2013 looks on a white background.

Color Contrast Check

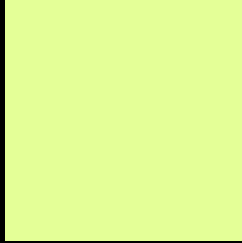
Large Text (above 18pt) WCAG AA × Fail

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 235.0710, -41.4470, -6.2013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

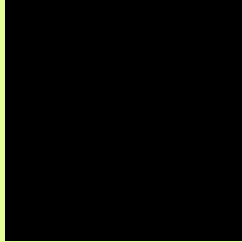
Any Text WCAG AA ✓ Pass

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 235.0710, -41.4470, -6.2013 Background



This preview shows how black text looks on a background with the YUV color 235.0710, -41.4470, -6.2013.

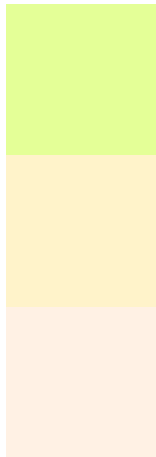


This preview shows how white text looks on a background with the YUV color 235.0710, -41.4470, -6.2013.

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

235.0710, -41.4470, -6.2013

Protanopia

241.9140, -19.6776, 11.4764

Deuteranopia

243.7040, -7.7421, 9.9066



Tritanopia

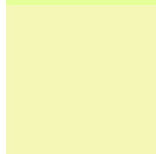
243.7810, 5.5310, -0.6849

Trichromacy



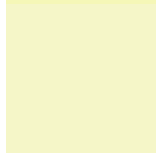
Original Color

235.0710, -41.4470, -6.2013



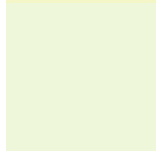
Protanomaly

239.1060, -27.6603, 5.1690



Deuteranomaly

240.4570, -19.9453, 3.9842



Tritanomaly

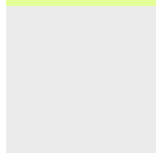
240.8890, -11.7773, -2.5337

Monochromacy



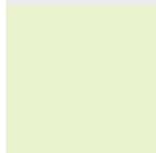
Original Color

235.0710, -41.4470, -6.2013



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

234.6780, -15.1243, -2.3486

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0710, -41.4470, -6.2013 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(228, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 151)  
}
```

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(228, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 151) }
```

Border

The CSS property to change the border of an element to YUV 235.0710, -41.4470, -6.2013 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(228, 255, 151) }
```


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

```
.border{ border-color:rgb(228, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 235.0710, -41.4470, -6.2013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 151) }
```

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

```
.background{ background-color: rgb(228,  
255, 151) }
```

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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