

Converting Colors

YUV(235.5190, -30.8219,
-7.4712)

Have a look what the booklet for
YUV(235.5190, -30.8219, -7.4712)
contains.

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Color

**YUV(235.5190, -30.8219,
-7.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FCAD
RGB	227, 252, 173
RGB Percent	89%, 99%, 68%
CMY	0.1098, 0.0118, 0.3216
CMYK	0.10, 0.00, 0.31, 0.01
HSL	79°, 93%, 83%
HSV	79°, 31%, 99%
XYZ	74.0318, 88.9688, 52.8060
YIQ	235.5190, 10.4590, -29.8690

Conversions

Conversions Part 2

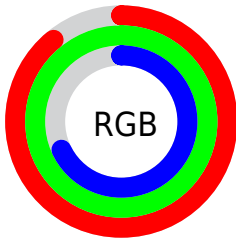
Format	Color
RYB	173, 252, 198
Decimal	14941357
CIELab	95.57, -20.85, 35.22
CIElCh	96, 40.933, 120.626
Yxy	88.9688, 0.3430, 0.4123
Android (android.graphics.Color)	4293131437 (0xFFE3FCAD)
YUV	235.5190, -30.8219, -7.4712
Hunter-Lab	94.3233, -24.9660, 32.8334

Details

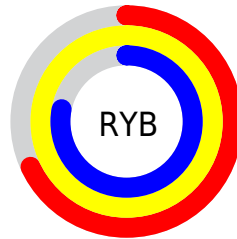
The YUV color $235.5190, -30.8219, -7.4712$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $189.4810, 30.8219, 7.4712$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, -11.3567, 2.5994$, and $179.2740, -29.2221, -7.2563$ is the 20% darker color. If you saturate the color by 10%, you get $230.2770, -40.5626, -9.8899$, and if you desaturate by 10%, it is $240.7610, -21.0812, -5.0524$.

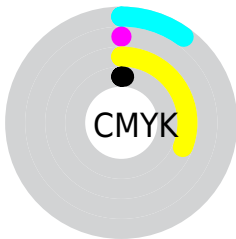
Distribution



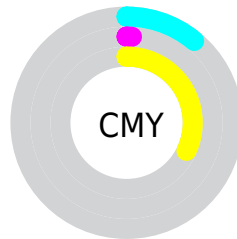
- Red (89%)
- Green (99%)
- Blue (68%)



- Red (68%)
- Yellow (99%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5190, -30.8219, -7.4712 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 235.5190, -30.8219, -7.4712 by changing the saturation by 10% instead.

■ 235.5190,
-30.8219, -7.4712

■ 235.5190,
-30.8219, -7.4712

255.0000, 0.0000,
0.0000

■ 207.0460,
-30.0957, -7.0563

■ 252.0360,
-11.3567, 2.5994

■ 179.2740,
-29.2221, -7.2563

■ 152.3880,
-28.7853, -7.3563

■ 126.3170,
-27.7643, -8.1710

■ 100.8440,
-27.0381, -7.7562

■ 75.9580, -26.6013,
-7.8562

■ 52.7730, -26.0171,

-8.5709

■ 32.0960, -15.8233,
-11.4852

■ 15.8490, -7.8136,
-13.8996

■ 235.5190,
-30.8219, -7.4712

■ 235.5190,
-30.8219, -7.4712

■ 230.2770,
-40.5626, -9.8899

■ 240.7610,
-21.0812, -5.0524

■ 225.0350,
-50.3033, -12.3087

■ 246.0030,
-11.3405, -2.6336

■ 219.6790,
-60.4807, -14.6275

■ 251.3590, -1.1630,
-0.3148

■ 214.4370,
-70.2214, -17.0462

■ 253.2390, 0.8682,
1.5444

■ 209.1950,
-79.9621, -19.4650

■ 203.9530,
-89.7028, -21.8838

■ 199.3520,
-98.2805, -23.9877

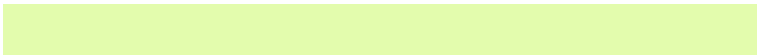
Harmonies

Analogous

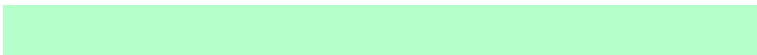
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7070, -35.8446, 16.9200



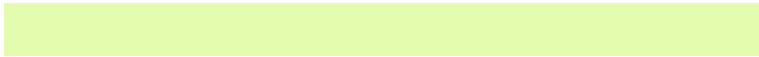
235.5190, -30.8219, -7.4712



226.8320, -12.2422, -40.1947

Triad

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



235.5190, -30.8219, -7.4712



218.8210, 17.8362, -74.3880



228.9780, 6.9128, 22.8213

Complementary

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



235.5190, -30.8219, -7.4712



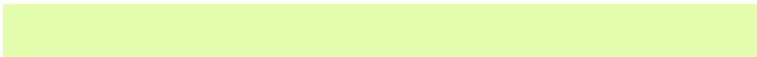
189.4810, 30.8219, 7.4712

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



235.5190, -30.8219, -7.4712



230.5810, 12.0386, -34.7125

Square

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



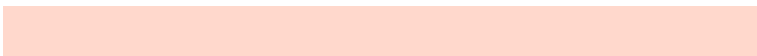
235.5190, -30.8219, -7.4712



211.6450, 21.3740, -89.1427



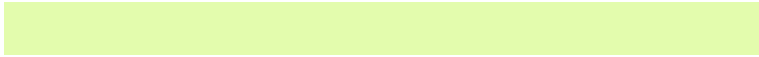
239.7050, 7.5404, 8.1517



226.2930, -10.9904, 25.1760

Rectangle

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



235.5190, -30.8219, -7.4712



220.5270, 3.6842, -61.8522



239.7050, 7.5404, 8.1517



230.9330, 11.8650, 21.1068

Sweetspot

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



235.5190, -30.8219, -7.4712



250.2850, -9.0145, -2.0039



210.7090, -18.5905, 36.2122



124.7950, -5.8149, -1.5742



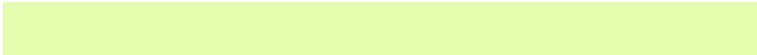
0.0000, 0.0000, 0.0000



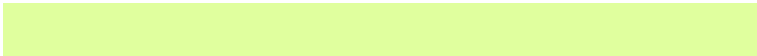
128.0000, 0.0000, 0.0000

Same Dimension

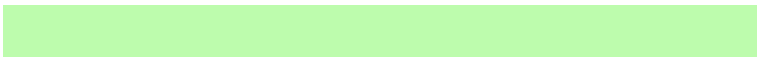
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5190, -30.8219, -7.4712



234.6730, -37.7998, -9.3602



224.1570, -25.2204, -30.8327



122.3220, -5.0887, -1.1594



149.5140, -73.7104, -17.9908



48.3650, -23.8439, -5.5821

Inverse Universe

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



189.4810, 30.8219, 7.4712



178.3270, 37.7998, 9.3602



200.8430, 25.2204, 30.8327



114.6780, 5.0887, 1.1594



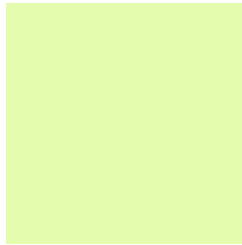
39.4860, 73.7104, 17.9908



12.6350, 23.8439, 5.5821

Previews

White Background



This preview shows how the YUV color 235.5190, -30.8219, -7.4712 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 235.5190, -30.8219, -7.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

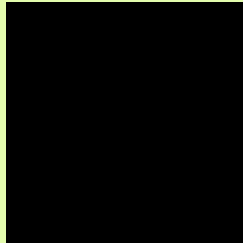
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

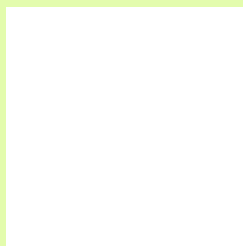
Any Text WCAG AAA ✓ Pass

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

YUV 235.5190, -30.8219, -7.4712 Background



This preview shows how black text looks on a background with the YUV color 235.5190, -30.8219, -7.4712.



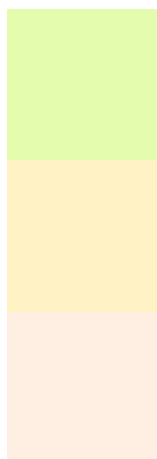
This preview shows how white text looks on a background with the YUV color 235.5190, -30.8219, -7.4712.

-7.4712.

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

235.5190, -30.8219, -7.4712

Protanopia

240.7570, -21.5722, 12.4911

Deuteranopia

242.3020, -8.0369, 11.1361



Tritanopia

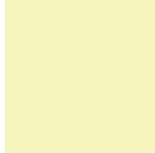
242.2970, 6.2626, -2.0145

Trichromacy



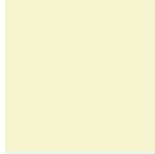
Original Color

235.5190, -30.8219, -7.4712



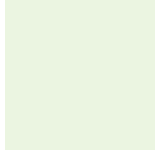
Protanomaly

239.0890, -25.1869, 5.1839



Deuteranomaly

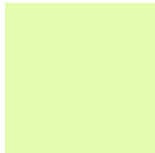
240.0810, -16.3089, 4.3140



Tritanomaly

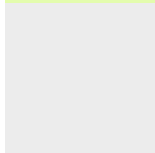
239.7300, -7.2619, -4.1482

Monochromacy



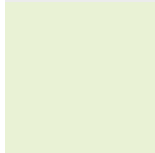
Original Color

235.5190, -30.8219, -7.4712



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.0030, -11.3405, -2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5190, -30.8219, -7.4712 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(227, 252, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 252, 173)  
}
```

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(227, 252, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 252, 173) }
```

Border

The CSS property to change the border of an element to YUV 235.5190, -30.8219, -7.4712 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(227, 252, 173) }
```


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

```
.border{ border-color:rgb(227, 252, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 252, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 252, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 252, 173); box-shadow:4px 4px 4px 4px rgb(227, 252, 173) }
```

Background

The CSS property to change the background color of an element to YUV 235.5190, -30.8219, -7.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 252, 173) }
```

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

```
.background{ background-color: rgb(227,  
252, 173) }
```

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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