

Converting Colors

YUV(241.9270, -12.7820,
-6.9520)

Have a look what the booklet for
YUV(241.9270, -12.7820, -6.9520)
contains.

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Color

**YUV(241.9270, -12.7820,
-6.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFBD8
RGB	234, 251, 216
RGB Percent	92%, 98%, 85%
CMY	0.0824, 0.0157, 0.1529
CMYK	0.07, 0.00, 0.14, 0.02
HSL	89°, 81%, 92%
HSV	89°, 14%, 98%
XYZ	80.8235, 91.4447, 78.3565
YIQ	241.9270, 1.1030, -14.4890

Conversions

Conversions Part 2

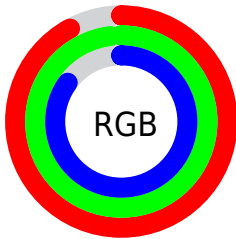
Format	Color
R _Y B	216, 251, 233
Decimal	15399896
CIE Lab	96.59, -11.61, 14.90
CIE LCh	97, 18.891, 127.937
Yxy	91.4447, 0.3225, 0.3649
Android (android.graphics.Color)	4293589976 (0xFFEAFBD8)
YUV	241.9270, -12.7820, -6.9520
Hunter-Lab	95.6267, -16.4788, 18.3565

Details

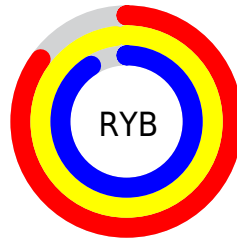
The YUV color $241.9270, -12.7820, -6.9520$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $225.0730, 12.7820, 6.9520$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.4540, -12.0558, -6.5372$ is the 20% darker color. If you saturate the color by 10%, you get $235.4890, -21.9331, -11.8299$, and if you desaturate by 10%, it is $248.3650, -3.6309, -2.0741$.

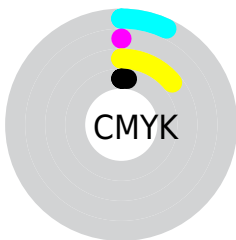
Distribution



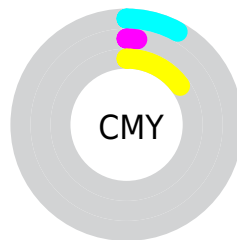
- Red (92%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.9270, -12.7820, -6.9520 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 241.9270, -12.7820, -6.9520 by changing the saturation by 10% instead.

241.9270,
-12.7820, -6.9520

241.9270,
-12.7820, -6.9520

255.0000, 0.0000,
0.0000

213.3400,
-12.4926, -6.4372

185.4540,
-12.0558, -6.5372

158.5680,
-11.6190, -6.6371

132.6820,
-11.1822, -6.7371

107.0950,
-10.8928, -6.2223

83.2090, -10.4560,
-6.3223

59.7360, -9.7298,

-5.9075

■ 37.8500, -9.2930,
-6.0074

■ 16.7680, -8.2666,
-8.5665

■ 241.9270,
-12.7820, -6.9520

■ 241.9270,
-12.7820, -6.9520

■ 235.4890,
-21.9331, -11.8299

■ 248.3650, -3.6309,
-2.0741

■ 229.0510,
-31.0841, -16.7077

■ 252.6520, 1.1576,
2.0592

■ 222.3140,
-40.0878, -22.2004

■ 215.8760,
-49.2389, -27.0783

■ 209.4380,
-58.3899, -31.9561

■ 202.8860,
-67.9778, -36.7340

■ 196.4480,
-77.1289, -41.6119

■ 189.7110,
-86.1325, -47.1045

■ 185.9080,
-91.6526, -49.9083

Harmonies

Analogous

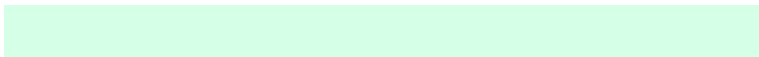
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.8860, -17.1988, 9.7470



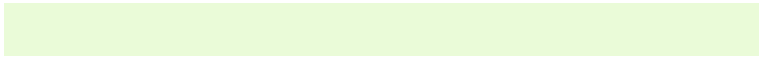
241.9270, -12.7820, -6.9520



240.0050, -4.4395, -22.8064

Triad

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



241.9270, -12.7820, -6.9520



239.1970, 7.7909, -25.6058



240.4900, 0.2514, 12.7253

Complementary

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



241.9270, -12.7820, -6.9520



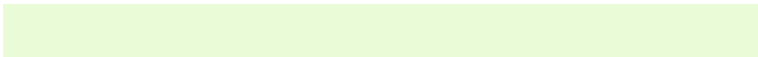
225.0730, 12.7820, 6.9520

Split Complementary

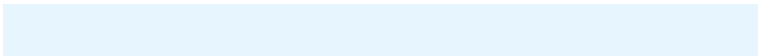
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 6.0772, 10.8108



241.9270, -12.7820, -6.9520



241.9540, 6.4317, -9.6067

Square

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



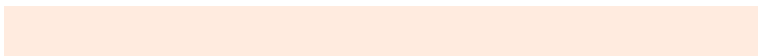
241.9270, -12.7820, -6.9520



238.2560, 8.2548, -34.4275



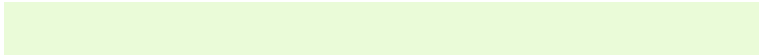
245.6080, 4.6303, 8.2368



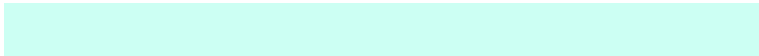
239.6120, -8.1897, 13.4953

Rectangle

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



241.9270, -12.7820, -6.9520



238.3830, 2.2762, -30.1539



245.6080, 4.6303, 8.2368



241.1740, 2.8722, 12.1254

Sweetspot

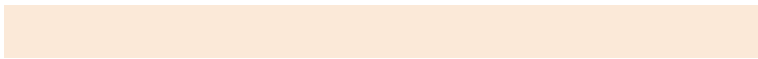
The Sweet Spot groups the original color and five complimentary colors.



241.9270, -12.7820, -6.9520



252.3650, -3.6309, -2.0741



236.4440, -10.0789, 12.7656



126.0060, -2.4680, -1.7593



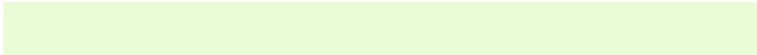
0.0000, 0.0000, 0.0000



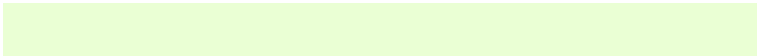
128.0000, 0.0000, 0.0000

Same Dimension

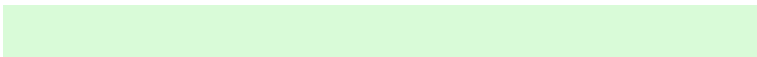
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9270, -12.7820, -6.9520



243.8190, -15.6868, -8.6113



236.8440, -10.2761, -17.4032



121.7240, -4.7939, -2.3889



139.9460, -68.9934, -37.6636



45.0760, -22.2225, -12.3447

Inverse Universe

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



225.0730, 12.7820, 6.9520



223.1810, 15.6868, 8.6113



230.1560, 10.2761, 17.4032



115.5750, 4.6465, 3.0037



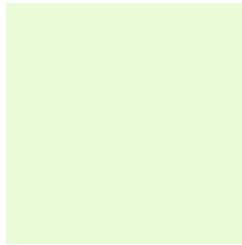
49.0540, 68.9934, 37.6636



15.9240, 22.2225, 12.3447

Previews

White Background



This preview shows how the YUV color 241.9270, -12.7820, -6.9520 looks on a white background.

Color Contrast Check

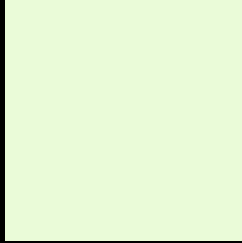
Large Text (above 18pt) WCAG AA × Fail

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 241.9270, -12.7820, -6.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

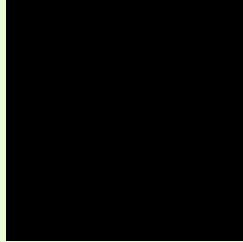
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

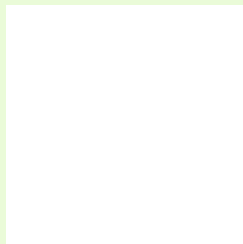
Any Text WCAG AAA ✓ Pass

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

YUV 241.9270, -12.7820, -6.9520 Background



This preview shows how black text looks on a background with the YUV color 241.9270, -12.7820, -6.9520.



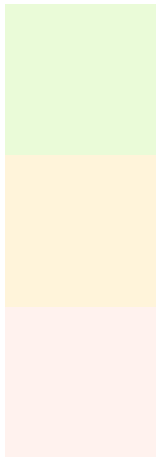
This preview shows how white text looks on a background with the YUV color 241.9270, -12.7820, -6.9520.

-6.9520.

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

241.9270, -12.7820, -6.9520

Protanopia

244.3250, -12.9782, 9.3620

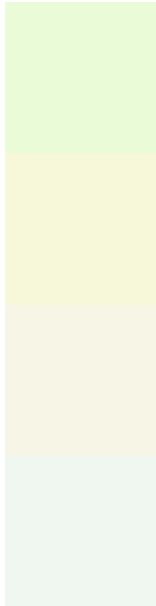
Deuteranopia

245.4310, -3.6635, 8.3920

Tritanopia

245.5420, 4.6628, -2.2293

Trichromacy



Original Color

241.9270, -12.7820, -6.9520

Protanomaly

243.5800, -13.1039, 2.9993

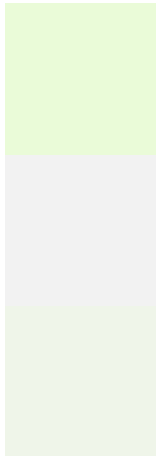
Deuteranomaly

243.8880, -6.8468, 2.7292

Tritanomaly

244.2230, -1.5889, -3.7036

Monochromacy



Original Color

241.9270, -12.7820, -6.9520

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.9270, -12.7820, -6.9520 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(234, 251, 216)` looks like.

```
.text, #text, p{  
    color:rgb(234, 251, 216)  
}
```

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(234, 251, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 251, 216) }
```

Border

The CSS property to change the border of an element to YUV 241.9270, -12.7820, -6.9520 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(234, 251, 216) }
```


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

```
.border{ border-color:rgb(234, 251, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 251, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 251, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 251, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 251,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 241.9270, -12.7820, -6.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 251, 216) }
```

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

```
.background{ background-color: rgb(234,  
251, 216) }
```

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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