

Converting Colors

YUV(241.8560, -11.7610,
-7.7667)

Have a look what the booklet for
YUV(241.8560, -11.7610, -7.7667)
contains.

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Color

**YUV(241.8560, -11.7610,
-7.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FBDA
RGB	233, 251, 218
RGB Percent	91%, 98%, 85%
CMY	0.0863, 0.0157, 0.1451
CMYK	0.07, 0.00, 0.13, 0.02
HSL	93°, 80%, 92%
HSV	93°, 13%, 98%
XYZ	80.7563, 91.3800, 79.7114
YIQ	241.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

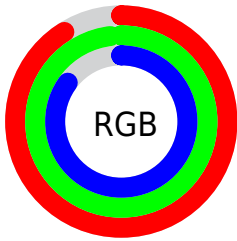
Format	Color
R _Y B	218, 251, 236
Decimal	15334362
CIE Lab	96.57, -11.63, 13.83
CIE LCh	97, 18.068, 130.071
Yxy	91.3800, 0.3207, 0.3628
Android (android.graphics.Color)	4293524442 (0xFFE9FBDA)
YUV	241.8560, -11.7610, -7.7667
Hunter-Lab	95.5929, -16.4917, 17.4752

Details

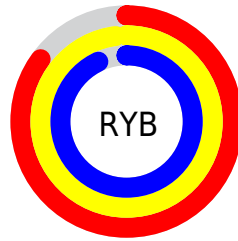
The YUV color $241.8560, -11.7610, -7.7667$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $227.1440, 11.7610, 7.7667$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.3830, -11.0348, -7.3519$ is the 20% darker color. If you saturate the color by 10%, you get $234.8200, -20.6173, -13.8741$, and if you desaturate by 10%, it is $248.8920, -2.9048, -1.6593$.

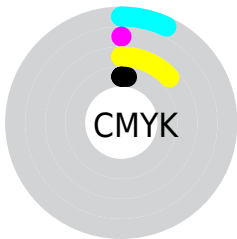
Distribution



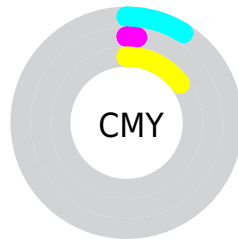
- Red (91%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.8560, -11.7610, -7.7667 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 241.8560, -11.7610, -7.7667 by changing the saturation by 10% instead.

■ 241.8560,
-11.7610, -7.7667

■ 241.8560,
-11.7610, -7.7667

255.0000, 0.0000,
0.0000

■ 213.2690,
-11.4716, -7.2519

■ 185.3830,
-11.0348, -7.3519

■ 158.4970,
-10.5980, -7.4519

■ 132.4970,
-10.5980, -7.4519

■ 107.0240, -9.8718,
-7.0370

■ 83.0240, -9.8718,
-7.0370

■ 59.5510, -9.1456,

-6.6222

■ 38.0780, -8.4195,
-6.2074

■ 16.7680, -8.2666,
-8.5665

■ 241.8560,
-11.7610, -7.7667

■ 241.8560,
-11.7610, -7.7667

■ 234.8200,
-20.6173, -13.8741

■ 248.8920, -2.9048,
-1.6593

■ 228.0830,
-29.6209, -19.3668

■ 252.6520, 1.1576,
2.0592

■ 221.0470,
-38.4772, -25.4742

■ 214.0110,
-47.3334, -31.5816

■ 207.2740,
-56.3371, -37.0743

■ 200.1240,
-65.6301, -43.0817

■ 193.0880,
-74.4864, -49.1892

■ 186.0520,
-83.3426, -55.2966

■ 181.4230,
-89.4415, -59.1300

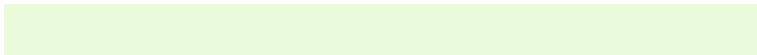
Harmonies

Analogous

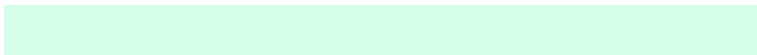
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.1030, -16.3198, 7.8027



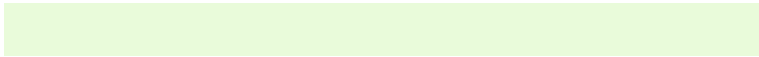
241.8560, -11.7610, -7.7667



239.6460, -3.2765, -22.4915

Triad

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



241.8560, -11.7610, -7.7667



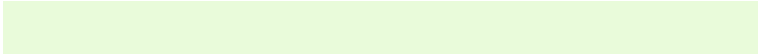
239.5070, 7.6380, -23.2466



240.3760, -0.1854, 12.8252

Complementary

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



241.8560, -11.7610, -7.7667



227.1440, 11.7610, 7.7667

Split Complementary

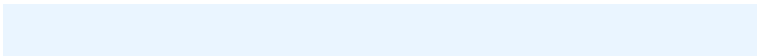
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 6.0772, 10.8108



241.8560, -11.7610, -7.7667



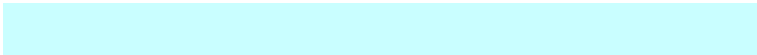
242.8510, 5.9895, -7.7623

Square

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



241.8560, -11.7610, -7.7667



238.2670, 8.2494, -32.6832



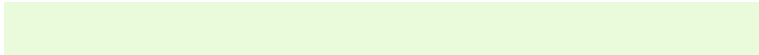
245.6080, 4.6303, 8.2368



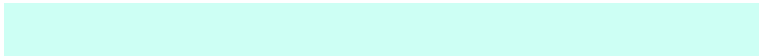
239.6120, -8.1897, 13.4953

Rectangle

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



241.8560, -11.7610, -7.7667



238.7960, 2.5656, -29.6391



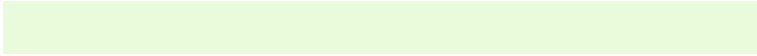
245.6080, 4.6303, 8.2368



241.0600, 2.4354, 12.2254

Sweetspot

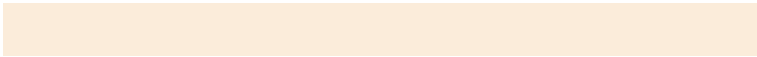
The Sweet Spot groups the original color and five complimentary colors.



241.8560, -11.7610, -7.7667



252.0660, -3.4835, -2.6889



238.4330, -10.0735, 11.0213



126.0060, -2.4680, -1.7593



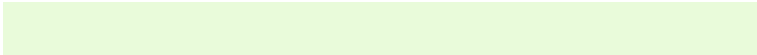
0.0000, 0.0000, 0.0000



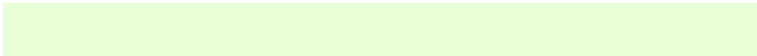
128.0000, 0.0000, 0.0000

Same Dimension

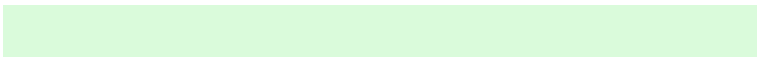
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8560, -11.7610, -7.7667



243.7480, -14.6658, -9.4260



237.4850, -9.1131, -17.0883



121.4250, -4.6465, -3.0037



136.6570, -67.3719, -44.4262



44.1790, -21.7802, -14.1890

Inverse Universe

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



227.1440, 11.7610, 7.7667



225.2520, 14.6658, 9.4260



231.5150, 9.1131, 17.0883



115.5750, 4.6465, 3.0037



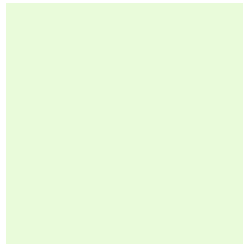
52.3430, 67.3719, 44.4262



16.8210, 21.7802, 14.1890

Previews

White Background



This preview shows how the YUV color 241.8560, -11.7610, -7.7667 looks on a white background.

Color Contrast Check

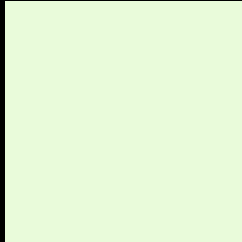
Large Text (above 18pt) WCAG AA × Fail

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 241.8560, -11.7610, -7.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

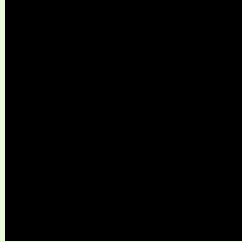
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

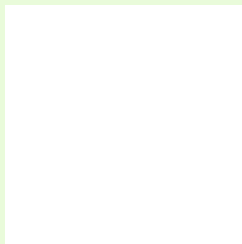
Any Text WCAG AAA ✓ Pass

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

YUV 241.8560, -11.7610, -7.7667 Background



This preview shows how black text looks on a background with the YUV color 241.8560, -11.7610, -7.7667.



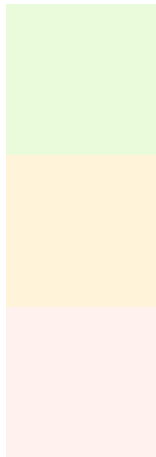
This preview shows how white text looks on a background with the YUV color 241.8560, -11.7610, -7.7667.

-7.7667.

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

241.8560, -11.7610, -7.7667

Protanopia

244.3250, -12.9782, 9.3620

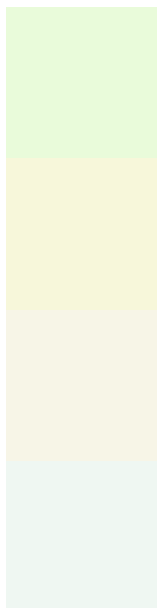
Deuteranopia

245.4310, -3.6635, 8.3920

Tritanopia

245.2430, 4.8102, -2.8441

Trichromacy



Original Color

241.8560, -11.7610, -7.7667

Protanomaly

243.6940, -12.6671, 2.8994

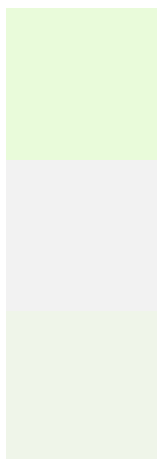
Deuteranomaly

244.0020, -6.4100, 2.6292

Tritanomaly

244.0380, -1.0047, -4.4183

Monochromacy



Original Color

241.8560, -11.7610, -7.7667

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 241.8560, -11.7610, -7.7667 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(233, 251, 218)` looks like.

```
.text, #text, p{  
    color:rgb(233, 251, 218)  
}
```

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(233, 251, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 251, 218) }
```

Border

The CSS property to change the border of an element to YUV 241.8560, -11.7610, -7.7667 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(233, 251, 218) }
```


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

```
.border{ border-color:rgb(233, 251, 218) }
```

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

Here you see how a box with a 4 pixel rgb(233, 251, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 251, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 251, 218);  
box-shadow:4px 4px 4px 4px rgb(233, 251,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 241.8560, -11.7610, -7.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 251, 218) }
```

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

```
.background{ background-color: rgb(233,  
251, 218) }
```

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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