

Converting Colors

YUV(241.3690, -19.9019,
-9.9706)

Have a look what the booklet for
YUV(241.3690, -19.9019, -9.9706)
contains.

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Color

**YUV(241.3690, -19.9019,
-9.9706)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFC9
RGB	230, 255, 201
RGB Percent	90%, 100%, 79%
CMY	0.0980, 0.0000, 0.2118
CMYK	0.10, 0.00, 0.21, 0.00
HSL	88°, 100%, 89%
HSV	88°, 21%, 100%
XYZ	78.9357, 92.5600, 68.9639
YIQ	241.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

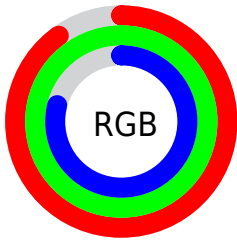
Format	Color
R _Y B	201, 255, 226
Decimal	15138761
CIE Lab	97.05, -17.30, 23.15
CIE LCh	97, 28.901, 126.761
Yxy	92.5600, 0.3283, 0.3849
Android (android.graphics.Color)	4293328841 (0xFFE6FFC9)
YUV	241.3690, -19.9019, -9.9706
Hunter-Lab	96.2081, -21.9106, 24.8455

Details

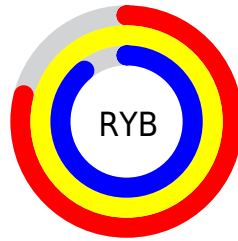
The YUV color $241.3690, -19.9019, -9.9706$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $214.6310, 19.9019, 9.9706$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.0100, -18.7389, -9.6558$ is the 20% darker color. If you saturate the color by 10%, you get $234.9310, -29.0530, -14.8485$, and if you desaturate by 10%, it is $247.9210, -10.3141, -5.1927$.

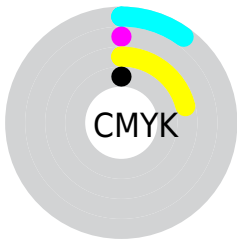
Distribution



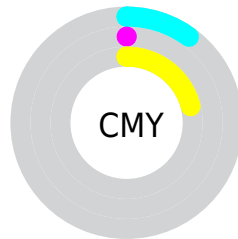
- Red (90%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.3690, -19.9019, -9.9706 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 241.3690, -19.9019, -9.9706 by changing the saturation by 10% instead.

■ 241.3690,
-19.9019, -9.9706

■ 241.3690,
-19.9019, -9.9706

255.0000, 0.0000,
0.0000

■ 212.8960,
-19.1757, -9.5558

■ 185.0100,
-18.7389, -9.6558

■ 158.1240,
-18.3021, -9.7557

■ 131.6510,
-17.5759, -9.3409

■ 106.7650,
-17.1391, -9.4409

■ 82.2920, -16.4130,
-9.0261

■ 58.5200, -15.5394,

-9.2260

■ 36.1780, -16.8498,
-8.9261

■ 16.4360, -8.1029,
-14.4144

■ 241.3690,
-19.9019, -9.9706

■ 241.3690,
-19.9019, -9.9706

■ 234.9310,
-29.0530, -14.8485

■ 247.9210,
-10.3141, -5.1927

■ 228.3790,
-38.6408, -19.6264

■ 254.3590, -1.1630,
-0.3148

■ 222.1260,
-48.3761, -23.7895

■ 255.0000, 0.0000,
0.0000

■ 215.6880,
-57.5272, -28.6674

■ 209.1360,
-67.1150, -33.4453

■ 202.6980,
-76.2661, -38.3231

■ 196.1460,
-85.8540, -43.1010

■ 190.6480,
-93.9895, -47.0493

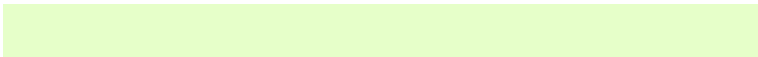
Harmonies

Analogous

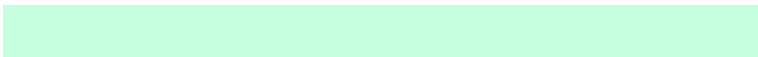
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.0080, -25.6399, 10.5170



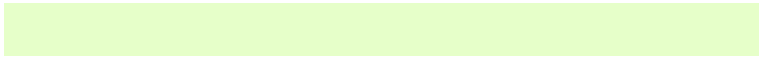
241.3690, -19.9019, -9.9706



234.3090, -5.5753, -31.8430

Triad

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



241.3690, -19.9019, -9.9706



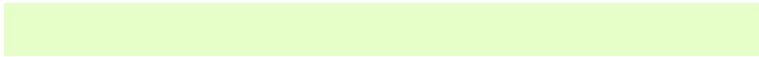
234.6680, 10.0237, -41.8048



236.3810, 2.2772, 16.3289

Complementary

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



241.3690, -19.9019, -9.9706



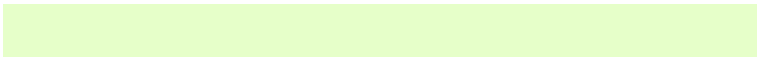
214.6310, 19.9019, 9.9706

Split Complementary

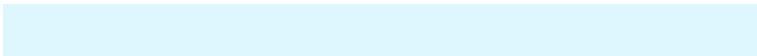
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.7380, 7.5242, 13.3848



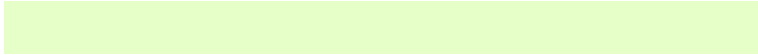
241.3690, -19.9019, -9.9706



240.4370, 7.1796, -16.1692

Square

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



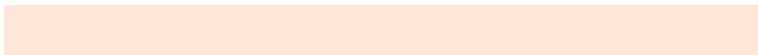
241.3690, -19.9019, -9.9706



228.9870, 12.8244, -53.4856



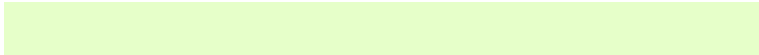
244.4340, 5.2090, 9.2664



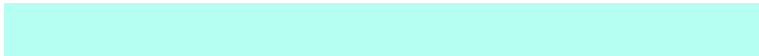
235.6510, -10.6739, 16.9691

Rectangle

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



241.3690, -19.9019, -9.9706



231.3920, 5.2297, -44.1938



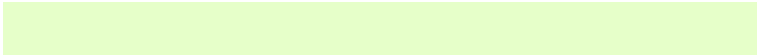
244.4340, 5.2090, 9.2664



238.1080, 6.3558, 14.8143

Sweetspot

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



241.3690, -19.9019, -9.9706



251.1970, -5.5201, -2.8038



231.2340, -14.9054, 20.8428



125.4790, -3.1941, -2.1741



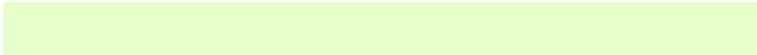
0.0000, 0.0000, 0.0000



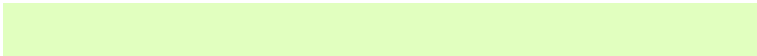
128.0000, 0.0000, 0.0000

Same Dimension

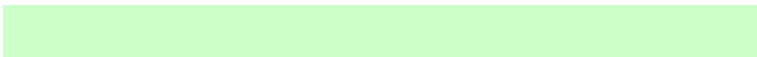
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.3690, -19.9019, -9.9706



238.7340, -23.5329, -12.0447



233.5950, -16.0693, -25.9548



124.7240, -4.7939, -2.3889



142.9140, -70.4566, -35.0046



47.7340, -23.5329, -12.0447

Inverse Universe

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



214.6310, 19.9019, 9.9706



207.2660, 23.5329, 12.0447



222.4050, 16.0693, 25.9548



118.2760, 4.7939, 2.3889



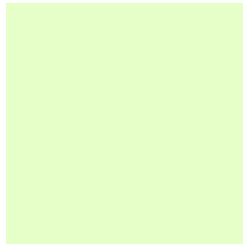
48.3850, 70.3092, 35.6194



16.2660, 23.5329, 12.0447

Previews

White Background



This preview shows how the YUV color 241.3690, -19.9019, -9.9706 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 241.3690, -19.9019, -9.9706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

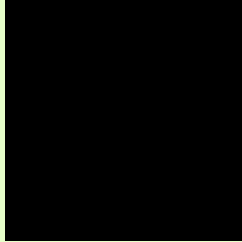
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

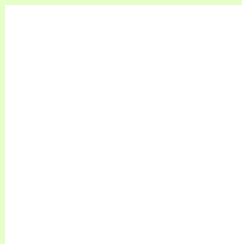
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.3690, -19.9019, -9.9706

Background



This preview shows how black text looks on a background with the YUV color 241.3690, -19.9019, -9.9706.



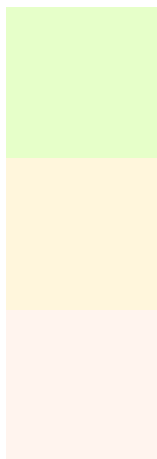
This preview shows how white text looks on a background with the YUV color 241.3690, -19.9019, -9.9706.

-9.9706.

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

241.3690, -19.9019, -9.9706

Protanopia

245.7270, -12.6834, 8.1324

Deuteranopia

246.6050, -4.2423, 7.3624

Tritanopia

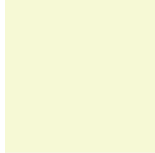
246.1290, 4.3734, -2.7441

Trichromacy



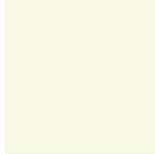
Original Color

241.3690, -19.9019, -9.9706



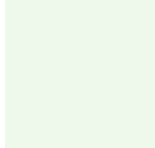
Protanomaly

243.9990, -15.2825, 1.7549



Deuteranomaly

244.7800, -9.7515, 1.0699



Tritanomaly

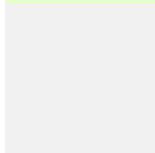
244.1150, -4.4937, -5.3629

Monochromacy



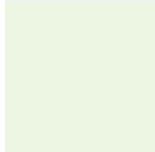
Original Color

241.3690, -19.9019, -9.9706



Achromatopsia

241.0000, 0.0000, 0.0000



Achromatomaly

241.0290, -7.4093, -3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.3690, -19.9019, -9.9706 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(230, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 201)  
}
```

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(230, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 201) }
```

Border

The CSS property to change the border of an element to YUV 241.3690, -19.9019, -9.9706 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(230, 255, 201) }
```


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

```
.border{ border-color:rgb(230, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 241.3690, -19.9019, -9.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 201) }
```

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

```
.background{ background-color: rgb(230,  
255, 201) }
```

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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