

Converting Colors

YUV(239.2740, -29.2221,
-7.2563)

Have a look what the booklet for
YUV(239.2740, -29.2221, -7.2563)
contains.

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Color

**YUV(239.2740, -29.2221,
-7.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFB4
RGB	231, 255, 180
RGB Percent	91%, 100%, 71%
CMY	0.0941, 0.0000, 0.2941
CMYK	0.09, 0.00, 0.29, 0.00
HSL	79°, 100%, 85%
HSV	79°, 29%, 100%
XYZ	76.9532, 91.8042, 56.8441
YIQ	239.2740, 9.7710, -28.4130

Conversions

Conversions Part 2

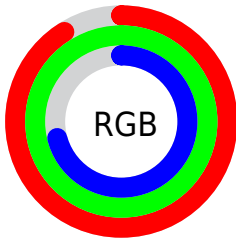
Format	Color
RYB	180, 255, 204
Decimal	15204276
CIELab	96.74, -19.93, 33.34
CIELCh	97, 38.843, 120.878
Yxy	91.8042, 0.3411, 0.4069
Android (android.graphics.Color)	4293394356 (0xFFE7FFB4)
YUV	239.2740, -29.2221, -7.2563
Hunter-Lab	95.8145, -24.3135, 31.8950

Details

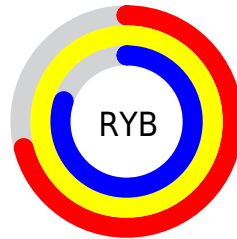
The YUV color $239.2740, -29.2221, -7.2563$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $195.7260, 29.2221, 7.2563$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $183.0290, -27.6223, -7.0414$ is the 20% darker color. If you saturate the color by 10%, you get $234.0320, -38.9628, -9.6751$, and if you desaturate by 10%, it is $244.6300, -19.0446, -4.9375$.

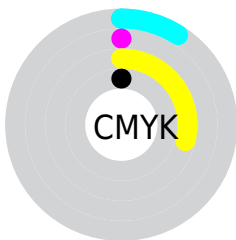
Distribution



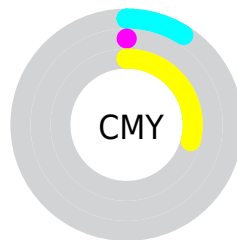
- Red (91%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.2740, -29.2221, -7.2563 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 239.2740, -29.2221, -7.2563 by changing the saturation by 10% instead.

■ 239.2740,
-29.2221, -7.2563

■ 239.2740,
-29.2221, -7.2563

255.0000, 0.0000,
0.0000

■ 210.8010,
-28.4959, -6.8415

■ 252.8340, -8.2992,
1.8996

■ 183.0290,
-27.6223, -7.0414

■ 156.1430,
-27.1855, -7.1414

■ 129.3710,
-26.3119, -7.3414

■ 104.1860,
-25.7277, -8.0561

■ 79.7130, -25.0015,
-7.6413

■ 55.5990, -25.4383,

-7.5413

■ 35.3520, -17.4285,
-9.9557

■ 16.4360, -8.1029,
-14.4144

■ 239.2740,
-29.2221, -7.2563

■ 239.2740,
-29.2221, -7.2563

■ 234.0320,
-38.9628, -9.6751

■ 244.6300,
-19.0446, -4.9375

■ 228.6760,
-49.1403, -11.9939

■ 249.8720, -9.3039,
-2.5187

■ 223.4340,
-58.8810, -14.4126

255.0000, 0.0000,
0.0000

■ 217.7790,
-68.9110, -17.3462

■ 212.5370,
-78.6517, -19.7649

■ 207.1810,
-88.8292, -22.0837

■ 201.9390,
-98.5699, -24.5025

■ 201.4120,
-99.2961, -24.9173

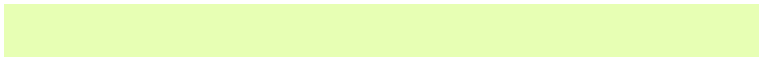
Harmonies

Analogous

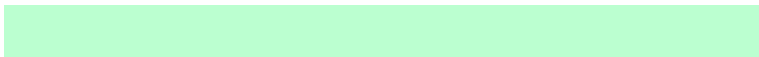
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.8530, -33.9445, 14.1609



239.2740, -29.2221, -7.2563



229.3100, -10.5058, -37.1059

Triad

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



239.2740, -29.2221, -7.2563



222.7080, 15.9200, -66.3959



232.2550, 6.7763, 19.9474

Complementary

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



239.2740, -29.2221, -7.2563



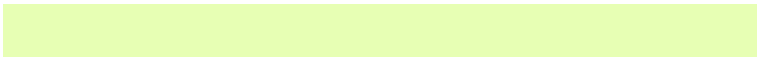
195.7260, 29.2221, 7.2563

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.



236.8030, 8.9711, 15.9588



239.2740, -29.2221, -7.2563



234.4350, 10.1385, -31.9535

Square

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



239.2740, -29.2221, -7.2563



216.1300, 19.1629, -79.9210



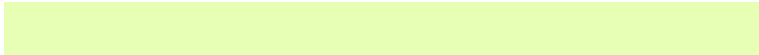
242.9500, 5.9407, 7.9369



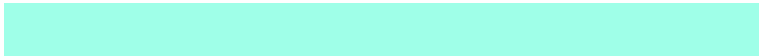
229.7980, -10.2534, 22.1022

Rectangle

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



239.2740, -29.2221, -7.2563



223.6740, 4.1047, -56.7191



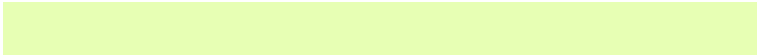
242.9500, 5.9407, 7.9369



233.8680, 10.4181, 18.5328

Sweetspot

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



239.2740, -29.2221, -7.2563



250.2850, -9.0145, -2.0039



216.5130, -18.0009, 33.7531



124.7950, -5.8149, -1.5742



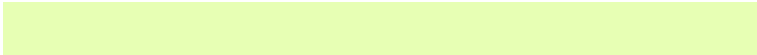
0.0000, 0.0000, 0.0000



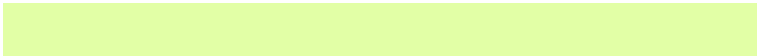
128.0000, 0.0000, 0.0000

Same Dimension

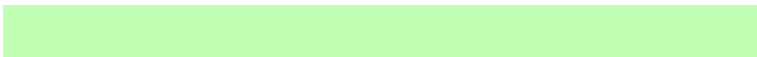
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.2740, -29.2221, -7.2563



236.1830, -34.6002, -8.9305



228.2110, -23.7680, -30.0030



125.0230, -4.9413, -1.7742



150.9870, -74.4366, -18.4056



50.4250, -24.8595, -6.5117

Inverse Universe

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



195.7260, 29.2221, 7.2563



184.5180, 34.7476, 8.3157



206.7890, 23.7680, 30.0030



117.6780, 5.0887, 1.1594



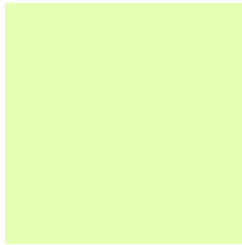
40.0130, 74.4366, 18.4056



13.2760, 25.0069, 5.8969

Previews

White Background



This preview shows how the YUV color 239.2740, -29.2221, -7.2563 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 239.2740, -29.2221, -7.2563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

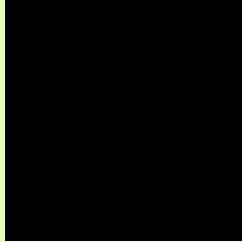
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

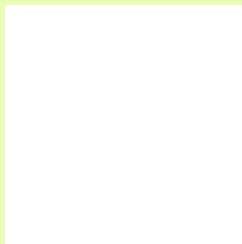
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 239.2740, -29.2221, -7.2563

Background



This preview shows how black text looks on a background with the YUV color 239.2740, -29.2221, -7.2563.



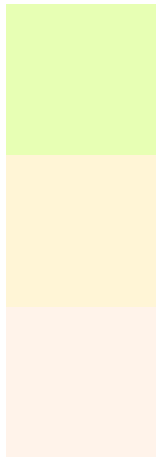
This preview shows how white text looks on a background with the YUV color 239.2740, -29.2221, -7.2563.

-7.2563.

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

239.2740, -29.2221, -7.2563

Protanopia

244.4560, -15.0148, 9.2471

Deuteranopia

245.5620, -5.7001, 8.2771

Tritanopia

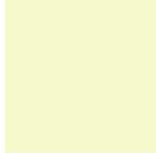
245.8410, 4.5154, -1.6146

Trichromacy



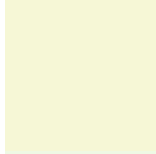
Original Color

239.2740, -29.2221, -7.2563



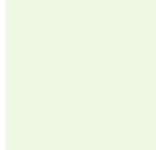
Protanomaly

242.7450, -20.0873, 2.8546



Deuteranomaly

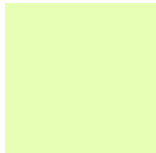
242.9390, -14.2669, 2.6845



Tritanomaly

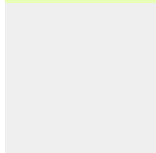
243.6160, -7.6987, -4.0482

Monochromacy



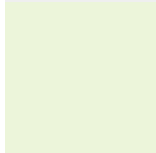
Original Color

239.2740, -29.2221, -7.2563



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.2310, -10.4669, -2.8336

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.2740, -29.2221, -7.2563 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(231, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 180)  
}
```

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(231, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 180) }
```

Border

The CSS property to change the border of an element to YUV 239.2740, -29.2221, -7.2563 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(231, 255, 180) }
```


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

```
.border{ border-color:rgb(231, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 239.2740, -29.2221, -7.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 180) }
```

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

```
.background{ background-color: rgb(231,  
255, 180) }
```

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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