

Converting Colors

YUV(241.8770, -43.8164,
7.1239)

Have a look what the booklet for
YUV(241.8770, -43.8164, 7.1239)
contains.

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Color

**YUV(241.8770, -43.8164,
7.1239)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFF99
RGB	250, 255, 153
RGB Percent	98%, 100%, 60%
CMY	0.0196, 0.0000, 0.4000
CMYK	0.02, 0.00, 0.40, 0.00
HSL	63°, 100%, 80%
HSV	63°, 40%, 100%
XYZ	80.9341, 94.1439, 44.0429
YIQ	241.8770, 29.7620, -32.7820

Conversions

Conversions Part 2

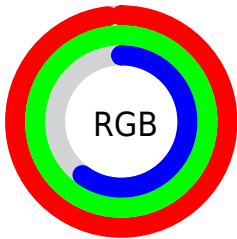
Format	Color
R_{YB}	153, 255, 158
Decimal	16449433
CIE _{Lab}	97.69, -16.13, 48.11
CIE _{LCh}	98, 50.737, 108.533
Yxy	94.1439, 0.3694, 0.4296
Android (android.graphics.Color)	4294639513 (0xFFFAFF99)
YUV	241.8770, -43.8164, 7.1239
Hunter-Lab	97.0278, -20.9058, 41.0065

Details

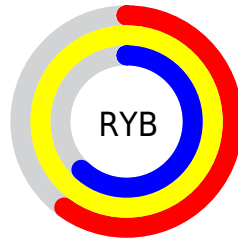
The YUV color $241.8770, -43.8164, 7.1239$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $166.1230, 43.8164, -7.1239$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, -20.0927, 4.5990$, and $185.0340, -41.9218, 6.1092$ is the 20% darker color. If you saturate the color by 10%, you get $238.7280, -54.5889, 9.0085$, and if you desaturate by 10%, it is $245.1400, -32.6070, 5.1392$.

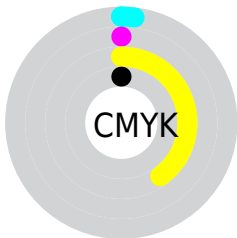
Distribution



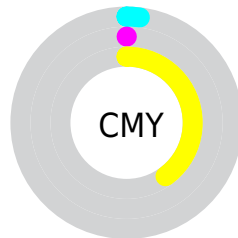
- Red (98%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.8770, -43.8164, 7.1239 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 241.8770, -43.8164, 7.1239 by changing the saturation by 10% instead.

241.8770,
-43.8164, 7.1239

241.8770,
-43.8164, 7.1239

255.0000, 0.0000,
0.0000

213.1050,
-42.9428, 6.9239

249.7560,
-20.0927, 4.5990

185.0340,
-41.9218, 6.1092

252.9480, -7.8624,
1.7996

157.8490,
-41.3376, 5.3944

131.2510,
-41.0427, 4.1649

105.1370,
-41.4795, 4.2649

79.9950, -39.4375,
2.6354

59.3180, -29.2438,

-0.2789

■ 38.0430, -18.7552,
-4.4227

■ 16.7350, -8.2504,
-13.7996

■ 241.8770,
-43.8164, 7.1239

■ 241.8770,
-43.8164, 7.1239

■ 238.7280,
-54.5889, 9.0085

■ 245.1400,
-32.6070, 5.1392

■ 235.4650,
-65.7982, 10.9932

■ 248.5880,
-21.9819, 3.8693

■ 232.0170,
-76.4234, 12.2631

■ 251.8510,
-10.7725, 1.8847

■ 228.7540,
-87.6327, 14.2477

255.0000, 0.0000,
0.0000

■ 225.4910,
-98.8421, 16.2324

■ 222.3420,
-109.6146, 18.1171

Harmonies

Analogous

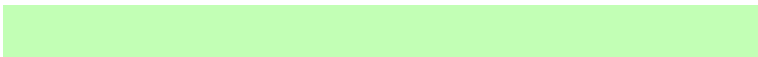
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.7520, -40.7967, 18.6345



241.8770, -43.8164, 7.1239



228.3250, -23.3312, -30.1030

Triad

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



241.8770, -43.8164, 7.1239



192.2100, 30.9555, -129.1032



229.7590, 12.4438, 22.1364

Complementary

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



241.8770, -43.8164, 7.1239



166.1230, 43.8164, -7.1239

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.



237.3900, 8.6817, 15.4440



241.8770, -43.8164, 7.1239



221.2130, 16.6570, -69.4698

Square

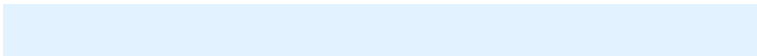
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.8770, -43.8164, 7.1239



193.7050, 30.2184, -126.0293



239.2850, 7.7475, -11.6509



225.0680, -2.9915, 26.2504

Rectangle

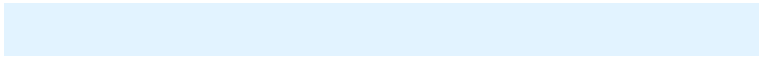
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.8770, -43.8164, 7.1239



219.1870, -4.0362, -58.9230



239.2850, 7.7475, -11.6509



231.5200, 11.5756, 20.5920

Sweetspot

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



241.8770, -43.8164, 7.1239



251.1670, -13.3933, 2.4845



185.2590, -15.9037, 61.1629



125.6490, -7.7150, 1.1848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

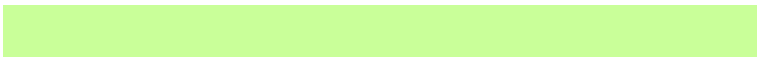
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8770, -43.8164, 7.1239



239.2980, -52.4049, 8.5087



227.2260, -36.5934, -23.0002



126.2190, -5.5310, 0.6849



166.5350, -82.1018, 13.5628



55.8070, -27.5129, 4.5543

Inverse Universe

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



166.1230, 43.8164, -7.1239



148.7020, 52.4049, -8.5087



180.7740, 36.5934, 23.0002



116.4820, 5.6784, -1.2997



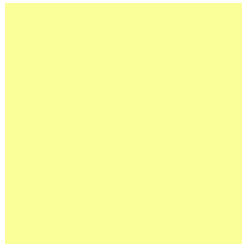
24.4650, 82.1018, -13.5628



8.1930, 27.5129, -4.5543

Previews

White Background



This preview shows how the YUV color 241.8770, -43.8164, 7.1239 looks on a white background.

Color Contrast Check

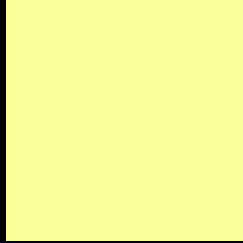
Large Text (above 18pt) WCAG AA × Fail

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 241.8770, -43.8164, 7.1239 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 241.8770, -43.8164, 7.1239

Background



This preview shows how black text looks on a background with the YUV color 241.8770, -43.8164, 7.1239.

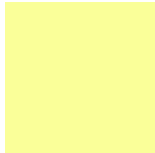


This preview shows how white text looks on a background with the YUV color 241.8770, -43.8164, 7.1239.

Color Blindness Simulation

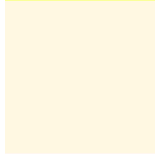
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



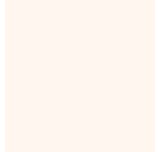
Original Color

241.8770, -43.8164, 7.1239



Protanopia

247.5850, -10.6414, 6.5030



Deuteranopia

248.4800, -4.6736, 5.7180



Tritanopia

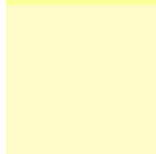
249.0160, 2.4571, 5.2480

Trichromacy



Original Color

241.8770, -43.8164, 7.1239



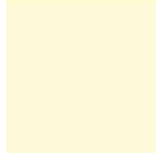
Protanomaly

245.6700, -23.0083, 6.4284



Deuteranomaly

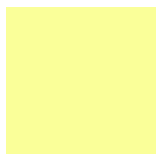
246.1090, -18.7877, 6.0434



Tritanomaly

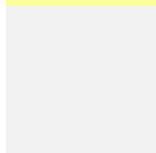
246.5480, -14.5672, 5.6584

Monochromacy



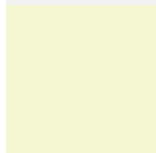
Original Color

241.8770, -43.8164, 7.1239



Achromatopsia

242.0000, 0.0000, 0.0000



Achromatomaly

242.1840, -15.8667, 2.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.8770, -43.8164, 7.1239 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(250, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 153)  
}
```

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(250, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 153) }
```

Border

The CSS property to change the border of an element to YUV 241.8770, -43.8164, 7.1239 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(250, 255, 153) }
```


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

```
.border{ border-color:rgb(250, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 241.8770, -43.8164, 7.1239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 153) }
```

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

```
.background{ background-color: rgb(250,  
255, 153) }
```

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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