

Converting Colors

YUV(239.2700, 7.2619, 4.1482)

Have a look what the booklet for
YUV(239.2700, 7.2619, 4.1482)
contains.

YUV(239.2700, 7.2619, 4.1482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(239.2700, 7.2619,
4.1482)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EAFE
RGB	244, 234, 254
RGB Percent	96%, 92%, 100%
CMY	0.0431, 0.0824, 0.0039
CMYK	0.04, 0.08, 0.00, 0.00
HSL	270°, 91%, 96%
HSV	270°, 8%, 100%
XYZ	84.6204, 85.2345, 105.7579
YIQ	239.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

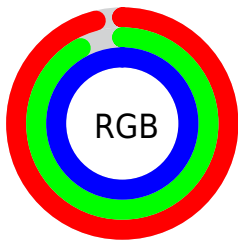
Format	Color
R_{YB}	244, 234, 254
Decimal	16050942
CIE Lab	93.98, 6.94, -8.44
CIE LCh	94, 10.924, 309.409
Yxy	85.2345, 0.3070, 0.3093
Android (android.graphics.Color)	4294241022 (0xFF4EAFE)
YUV	239.2700, 7.2619, 4.1482
Hunter-Lab	92.3225, 2.0441, -3.2925

Details

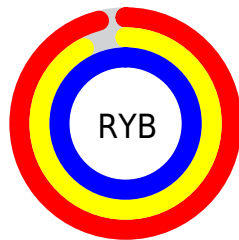
The YUV color $239.2700, 7.2619, 4.1482$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.7300, -7.2619, -4.1482$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.1560, 6.8251, 4.2482$ is the 20% darker color. If you saturate the color by 10%, you get $220.7080, 16.4130, 9.0261$, and if you desaturate by 10%, it is $254.8860, -0.4368, 0.1000$.

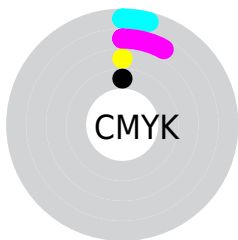
Distribution



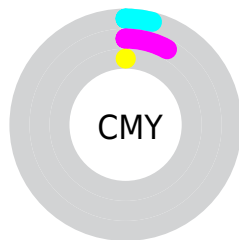
- Red (96%)
- Green (92%)
- Blue (100%)



- Red (96%)
- Yellow (92%)
- Blue (100%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.2700, 7.2619, 4.1482 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 239.2700, 7.2619, 4.1482 by changing the saturation by 10% instead.

239.2700, 7.2619,
4.1482

239.2700, 7.2619,
4.1482

255.0000, 0.0000,
0.0000

211.1560, 6.8251,
4.2482

183.1560, 6.8251,
4.2482

156.7430, 6.5357,
3.7334

130.7430, 6.5357,
3.7334

105.3300, 6.2463,
3.2186

81.2160, 5.8095,
3.3186

58.2160, 5.8095,

3.3186

■ 36.6890, 5.0833,
2.9037

■ 14.9280, 5.9515,
4.4481

■ 239.2700, 7.2619,
4.1482

■ 239.2700, 7.2619,
4.1482

■ 220.7080, 16.4130,
9.0261

254.8860, -0.4368,
0.1000

■ 201.8580, 25.7060,
15.0335

■ 183.2960, 34.8571,
19.9114

■ 164.1470, 44.2975,
25.3041

■ 145.8840, 53.3012,
30.7967

■ 127.3220, 62.4523,
35.6746

■ 108.1730, 71.8927,
41.0673

■ 89.6110, 81.0438,
45.9452

■ 70.7610, 90.3368,
51.9526

Harmonies

Analogous

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



237.2580, 8.7468, -5.4883



239.2700, 7.2619, 4.1482



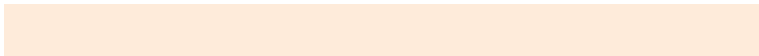
239.7720, 2.5774, 13.3550

Triad

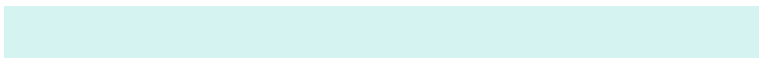
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.2700, 7.2619, 4.1482



238.7430, -10.2263, 13.3804



234.3890, 3.2592, -18.7582

Complementary

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



239.2700, 7.2619, 4.1482



248.7300, -7.2619, -4.1482

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.



234.6410, -2.2880, -12.8402



239.2700, 7.2619, 4.1482



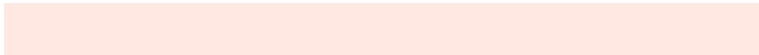
237.1010, -9.9098, 5.1734

Square

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



239.2700, 7.2619, 4.1482



238.0790, -6.4479, 14.8397



235.7300, -7.2619, -4.1482



234.9420, 7.9166, -19.2431

Rectangle

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



239.2700, 7.2619, 4.1482



238.9740, -0.4802, 14.0548



235.7300, -7.2619, -4.1482



234.2320, 1.3646, -17.7435

Sweetspot

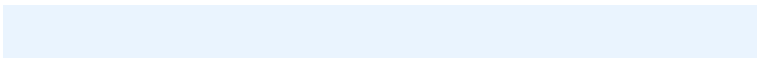
The Sweet Spot groups the original color and five complimentary colors.



239.2700, 7.2619, 4.1482



251.1680, 1.8892, 0.7297



242.1500, 5.8421, -7.1475



125.6410, 1.1630, 0.3148



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.



239.2700, 7.2619, 4.1482



238.2100, 8.2775, 5.0778



242.2600, 5.7878, 10.2960



118.2760, 4.7939, 2.3889



50.4780, 69.2773, 39.9228



16.8640, 23.2380, 13.2743

Inverse Universe

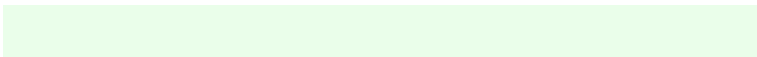
The Inverse Universe completely reimagines the original color for something new.



241.1200, 1.4198, 11.2958



240.2450, 1.8512, 12.9401



245.7400, -5.7878, -10.2960



119.5710, 0.7045, 7.3922



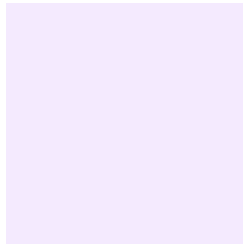
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 239.2700, 7.2619, 4.1482 looks on a white background.

Color Contrast Check

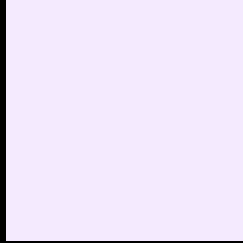
Large Text (above 18pt) WCAG AA × Fail

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 239.2700, 7.2619, 4.1482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

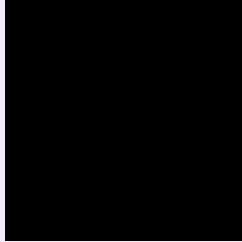
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.2700, 7.2619, 4.1482

Background



This preview shows how black text looks on a background with the YUV color 239.2700, 7.2619, 4.1482.



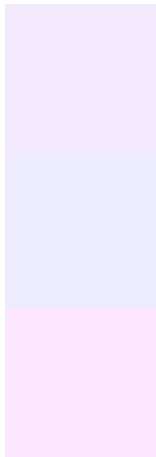
This preview shows how white text looks on a background with the YUV color 239.2700, 7.2619,

4.1482.

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

239.2700, 7.2619, 4.1482

Protanopia

238.4650, 8.1518, -1.2848

Deuteranopia

240.3140, 7.2402, 11.1256



Tritanopia

239.1560, 6.8251, 4.2482

Trichromacy



Original Color

239.2700, 7.2619, 4.1482

Protanomaly

238.7750, 7.9989, 1.0743

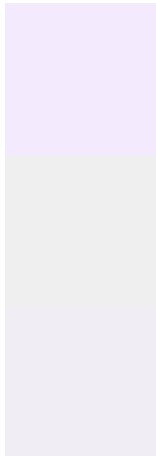
Deuteranomaly

240.0040, 7.3930, 8.7665

Tritanomaly

239.1560, 6.8251, 4.2482

Monochromacy



Original Color

239.2700, 7.2619, 4.1482

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.9940, 2.4680, 1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.2700, 7.2619, 4.1482 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(244, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 254)  
}
```

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(244, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 254) }
```

Border

The CSS property to change the border of an element to YUV 239.2700, 7.2619, 4.1482 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(244, 234, 254) }
```


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

```
.border{ border-color:rgb(244, 234, 254) }
```

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

Here you see how a box with a 4 pixel rgb(244, 234, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 239.2700, 7.2619, 4.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 254) }
```

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

```
.background{ background-color: rgb(244,  
234, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor