

# Converting Colors

YUV(241.2000, 6.8034, 11.2256)

Have a look what the booklet for  
YUV(241.2000, 6.8034, 11.2256)  
contains.

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# Color

**YUV(241.2000, 6.8034,  
11.2256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE8FF
RGB	254, 232, 255
RGB Percent	100%, 91%, 100%
CMY	0.0039, 0.0902, 0.0000
CMYK	0.00, 0.09, 0.00, 0.00
HSL	297°, 100%, 95%
HSV	297°, 9%, 100%
XYZ	87.7797, 86.0041, 106.5817
YIQ	241.2000, 5.7290, 11.8170

# Conversions

## Conversions Part 2

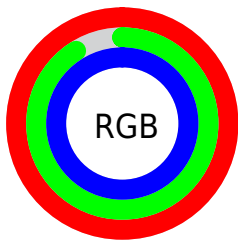
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 232, 255
Decimal	16705791
CIE <sub>Lab</sub>	94.31, 11.43, -8.38
CIE <sub>LCh</sub>	94, 14.172, 323.728
Y <sub>xy</sub>	86.0041, 0.3131, 0.3068
Android (android.graphics.Color)	4294895871 (0xFFEE8FF)
YUV	241.2000, 6.8034, 11.2256
Hunter-Lab	92.7384, 6.6635, -3.2235

# Details

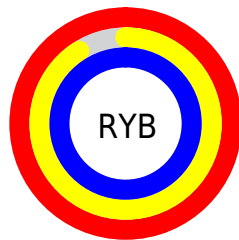
The YUV color  $241.2000, 6.8034, 11.2256$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $245.8000, -6.8034, -11.2256$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $184.7870, 6.5140, 10.7108$  is the 20% darker color. If you saturate the color by 10%, you get  $226.2260, 14.1856, 23.4808$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

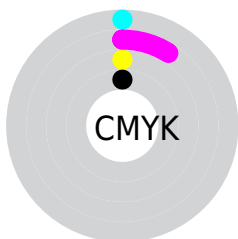
# Distribution



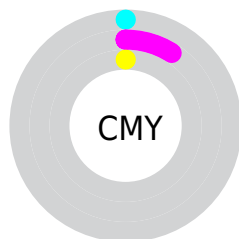
- Red (100%)
- Green (91%)
- Blue (100%)



- Red (100%)
- Yellow (91%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.2000, 6.8034, 11.2256 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 241.2000, 6.8034, 11.2256 by changing the saturation by 10% instead.




 241.2000, 6.8034,  
11.2256


 241.2000, 6.8034,  
11.2256


255.0000, 0.0000,  
0.0000

 212.7870, 6.5140,  
10.7108

 184.7870, 6.5140,  
10.7108

 158.3740, 6.2246,  
10.1960

 131.9610, 5.9352,  
9.6812

 106.9610, 5.9352,  
9.6812

 82.5480, 5.6458,  
9.1664

 59.1350, 5.3564,

8.6516

■ 37.7220, 5.0671,  
8.1368

■ 15.8470, 5.4984,  
9.7812

■ 241.2000, 6.8034,  
11.2256

■ 241.2000, 6.8034,  
11.2256

■ 226.2260, 14.1856,  
23.4808

255.0000, 0.0000,  
0.0000

■ 210.6650, 21.8572,  
36.2508

■ 195.1040, 29.5287,  
49.0208

■ 180.1300, 36.9109,  
61.2760

■ 164.8570, 44.4405,  
72.9164

■ 149.2960, 52.1121,  
85.6864

■ 134.3220, 59.4943,  
97.9416

■ 118.7610, 67.1658,  
110.7116

■ 103.7870, 74.5480,  
122.9668

# Harmonies

## Analogous

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



238.7640, 8.0043, -0.6700



241.2000, 6.8034, 11.2256



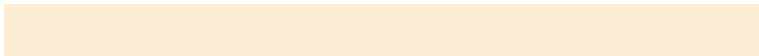
238.8430, 1.5564, 14.1697

# Triad

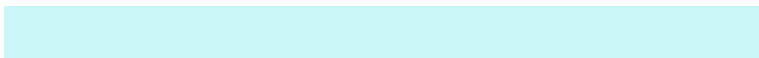
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.2000, 6.8034, 11.2256



238.9340, -13.2785, 12.3359



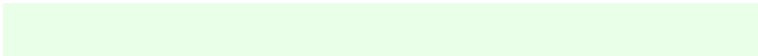
234.3710, 7.2121, -26.6354

# Complementary

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



241.2000, 6.8034, 11.2256



245.8000, -6.8034, -11.2256

# 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.



234.5690, 0.2125, -21.5470



241.2000, 6.8034, 11.2256



237.0250, -11.3513, 0.8551

# Square

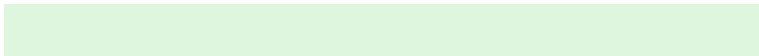
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.2000, 6.8034, 11.2256



237.1670, -9.9423, 15.6395



235.5010, -6.6560, -11.8404



234.4900, 10.1114, -23.2317



# Rectangle

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



241.2000, 6.8034, 11.2256



237.2300, -2.0854, 15.5843



235.5010, -6.6560, -11.8404



234.2140, 5.3175, -25.6207

# Sweetspot

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



241.2000, 6.8034, 11.2256



250.3040, 2.3151, 4.1184



235.2090, 9.7570, -2.8143



124.1790, 1.8838, 2.4740



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.



241.2000, 6.8034, 11.2256



238.2650, 8.2504, 13.7996



240.3590, 2.2880, 12.8402



120.0700, 3.9095, 6.0776



76.4910, 56.4529, 93.4084

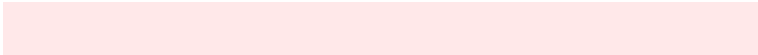


25.5350, 18.9632, 31.1028

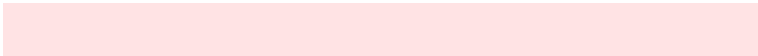


# Inverse Universe

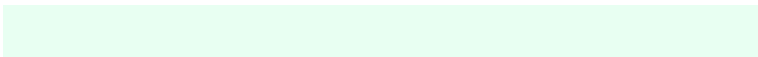
The Inverse Universe completely reimagines the original color for something new.



238.9910, -2.9536, 14.0399



235.4860, -3.6906, 17.1138



246.6410, -2.2880, -12.8402



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458



# Previews

## White Background



This preview shows how the YUV color 241.2000, 6.8034, 11.2256 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

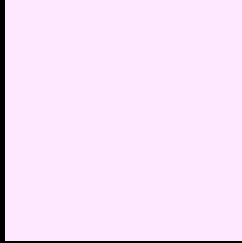
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.2000, 6.8034, 11.2256 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

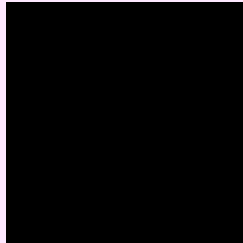
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 241.2000, 6.8034, 11.2256

## Background



This preview shows how black text looks on a background with the YUV color 241.2000, 6.8034, 11.2256.



This preview shows how white text looks on a background with the YUV color 241.2000, 6.8034,



# 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

241.2000, 6.8034, 11.2256

### Protanopia

239.3510, 7.7150, -1.1848

### Deuteranopia

241.2000, 6.8034, 11.2256



## Tritanopia

241.0320, 4.9142, 10.4959

# Trichromacy



## Original Color

241.2000, 6.8034, 11.2256

## Protanomaly

239.9710, 7.4093, 3.5334

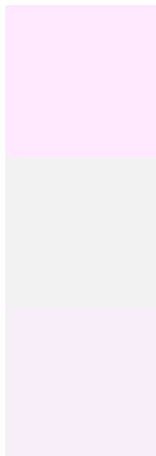
## Deuteranomaly

241.2000, 6.8034, 11.2256

## Tritanomaly

241.1460, 5.3510, 10.3960

# Monochromacy



## Original Color

241.2000, 6.8034, 11.2256

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

241.3040, 2.3151, 4.1184

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.2000, 6.8034, 11.2256 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(254, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 255)  
}
```

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(254, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 255) }
```

## Border

The CSS property to change the border of an element to YUV 241.2000, 6.8034, 11.2256 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(254, 232, 255) }
```



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

```
.border{ border-color:rgb(254, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 241.2000, 6.8034, 11.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 255) }
```

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

```
.background{ background-color: rgb(254,  
232, 255) }
```

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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