

# Converting Colors

YUV(233.5470, 10.5763,  
14.4293)

Have a look what the booklet for  
YUV(233.5470, 10.5763, 14.4293)  
contains.

<b>YUV(233.5470, 10.5763, 14.4293)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(233.5470, 10.5763,  
14.4293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FADDFE
RGB	250, 221, 255
RGB Percent	98%, 87%, 100%
CMY	0.0196, 0.1333, 0.0000
CMYK	0.02, 0.13, 0.00, 0.00
HSL	291°, 100%, 93%
HSV	291°, 13%, 100%
XYZ	83.3308, 79.2569, 105.5138
YIQ	233.5470, 6.3700, 16.7220

# Conversions

## Conversions Part 2

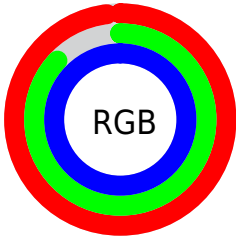
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 221, 255
Decimal	16440831
CIE <sub>Lab</sub>	91.35, 15.83, -12.83
CIE <sub>LCh</sub>	91, 20.376, 320.980
Y <sub>xy</sub>	79.2569, 0.3108, 0.2956
Android (android.graphics.Color)	4294630911 (0xFFFADDFF)
YUV	233.5470, 10.5763, 14.4293
Hunter-Lab	89.0263, 11.2842, -7.9520

# Details

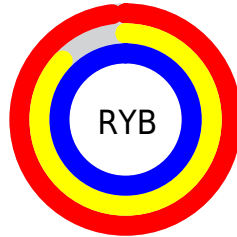
The YUV color  $233.5470, 10.5763, 14.4293$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $242.4530, -10.5763, -14.4293$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $177.7210, 9.9975, 13.3997$  is the 20% darker color. If you saturate the color by 10%, you get  $217.6760, 18.4007, 24.8401$ , and if you desaturate by 10%, it is  $250.0050, 2.4625, 3.5036$ .

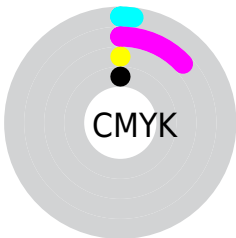
# Distribution



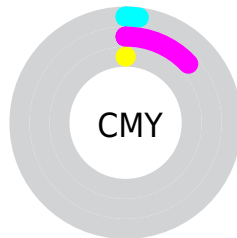
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.5470, 10.5763, 14.4293 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 233.5470, 10.5763, 14.4293 by changing the saturation by 10% instead.





 233.5470, 10.5763,  
14.4293


 233.5470, 10.5763,  
14.4293

255.0000, 0.0000,  
0.0000

 205.1340, 10.2869,  
13.9145

 177.7210, 9.9975,  
13.3997

 150.7210, 9.9975,  
13.3997

 125.1940, 9.2714,  
12.9849

 99.8950, 9.4188,  
12.3701

 76.0690, 8.8400,  
11.3405

 52.6560, 8.5506,

10.8257

■ 31.2430, 8.2612,  
10.3109

■ 10.5530, 8.1084,  
12.6700

■ 233.5470, 10.5763,  
14.4293

■ 233.5470, 10.5763,  
14.4293

■ 217.6760, 18.4007,  
24.8401

■ 250.0050, 2.4625,  
3.5036

■ 201.2180, 26.5145,  
35.7658

255.0000, 0.0000,  
0.0000

■ 185.6460, 34.1915,  
46.7915

■ 169.1880, 42.3053,  
57.7171

■ 153.3170, 50.1297,  
68.1280

■ 136.8590, 58.2435,  
79.0537

■ 121.2870, 65.9205,  
90.0793

■ 104.8290, 74.0343,  
101.0050

■ 93.9530, 79.3962,  
107.9122

# Harmonies

## Analogous

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



229.8930, 12.3778, -3.4142



233.5470, 10.5763, 14.4293



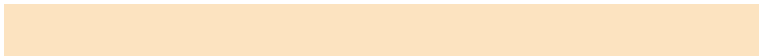
230.6420, 3.1345, 21.3620

# Triad

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



233.5470, 10.5763, 14.4293



230.4850, -18.9731, 18.8687



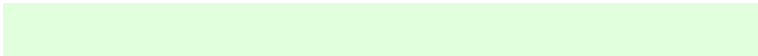
222.6900, 10.0128, -38.3161

# Complementary

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



233.5470, 10.5763, 14.4293



242.4530, -10.5763, -14.4293

# 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.



223.4000, -0.1972, -30.1688



233.5470, 10.5763, 14.4293



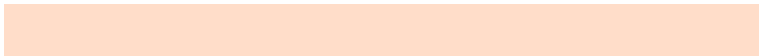
227.9560, -16.7403, 2.6696

# Square

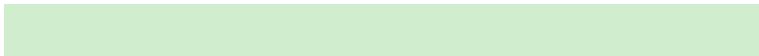
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.5470, 10.5763, 14.4293



228.8860, -13.7478, 22.9020



225.2680, -9.9921, -15.1440



224.0800, 15.2436, -36.0272



# Rectangle

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



233.5470, 10.5763, 14.4293



229.1600, -2.5439, 22.6617



225.2680, -9.9921, -15.1440



223.1910, 6.8078, -37.0015

# Sweetspot

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



233.5470, 10.5763, 14.4293



248.8310, 3.0413, 4.5332



227.8110, 13.4042, -5.9732



123.5920, 2.1731, 2.9888



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.



233.5470, 10.5763, 14.4293



229.1390, 12.7495, 17.4181



233.6740, 4.5977, 18.7029



119.7710, 4.0569, 5.4628



70.5110, 59.4011, 81.1129



23.4420, 19.9951, 26.7994



# Inverse Universe

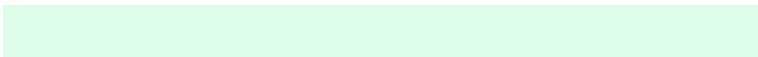
The Inverse Universe completely reimagines the original color for something new.



231.7360, -2.8278, 20.4025



226.9430, -3.4229, 24.6060



242.3260, -4.5977, -18.7029



119.1150, -1.0427, 7.7921



60.3010, -15.9244, 114.6230



20.1620, -5.5029, 38.4459



# Previews

## White Background



This preview shows how the YUV color 233.5470, 10.5763, 14.4293 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

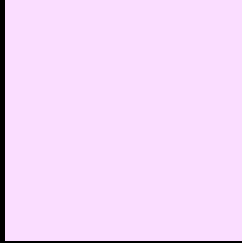
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.5470, 10.5763, 14.4293 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

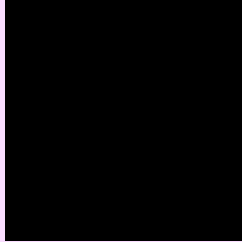
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

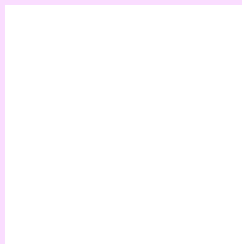
Any Text WCAG AAA ✓ Pass

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

# YUV 233.5470, 10.5763, 14.4293 Background



This preview shows how black text looks on a background with the YUV color 233.5470, 10.5763, 14.4293.



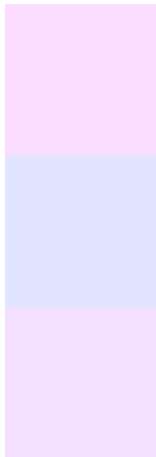
This preview shows how white text looks on a background with the YUV color 233.5470, 10.5763,

14.4293.

# 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

233.5470, 10.5763, 14.4293

### Protanopia

231.0670, 11.7990, -4.4438

### Deuteranopia

232.8020, 10.4506, 8.0666



## Tritanopia

232.5270, 4.1772, 13.5698

# Trichromacy



## Original Color

233.5470, 10.5763, 14.4293

## Protanomaly

231.9970, 11.3405, 2.6336

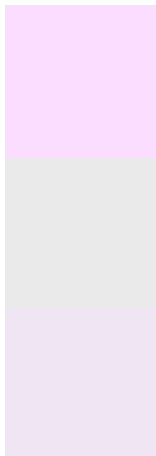
## Deuteranomaly

233.1120, 10.2978, 10.4258

## Tritanomaly

232.8090, 6.5032, 14.1995

# Monochromacy



## Original Color

233.5470, 10.5763, 14.4293

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.7710, 4.0569, 5.4628

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.5470, 10.5763, 14.4293 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 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(250, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 255) }
```

## Border

The CSS property to change the border of an element to YUV 233.5470, 10.5763, 14.4293 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, 221, 255) }
```



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

```
.border{ border-color:rgb(250, 221, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 221, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 233.5470, 10.5763, 14.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 255) }
```

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

```
.background{ background-color: rgb(250,  
221, 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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