

# Converting Colors

YUV(245.2650, 4.7994, 0.6446)

Have a look what the booklet for  
YUV(245.2650, 4.7994, 0.6446)  
contains.

<b>YUV(245.2650, 4.7994, 0.6446)</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(245.2650, 4.7994,  
0.6446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F3FF
RGB	246, 243, 255
RGB Percent	96%, 95%, 100%
CMY	0.0353, 0.0471, 0.0000
CMYK	0.04, 0.05, 0.00, 0.00
HSL	255°, 100%, 98%
HSV	255°, 5%, 100%
XYZ	88.1066, 90.9140, 107.5122
YIQ	245.2650, -2.0640, 4.3680

# Conversions

## Conversions Part 2

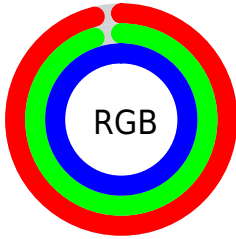
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 243, 255
Decimal	16184319
CIE <sub>Lab</sub>	96.37, 3.15, -5.41
CIE <sub>LCh</sub>	96, 6.257, 300.202
Y <sub>xy</sub>	90.9140, 0.3075, 0.3173
Android (android.graphics.Color)	4294374399 (0xFFFF6F3FF)
Y <sub>UV</sub>	245.2650, 4.7994, 0.6446
Hunter-Lab	95.3488, -1.9184, -0.1092

# Details

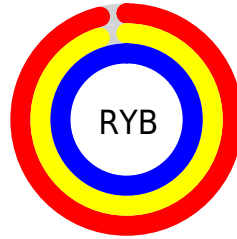
The YUV color  $245.2650, 4.7994, 0.6446$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $252.7350, -4.7994, -0.6446$ , and the grayscale version is  $245.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $189.1510, 4.3626, 0.7446$  is the 20% darker color. If you saturate the color by 10%, you get  $224.9090, 14.8349, 1.8338$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

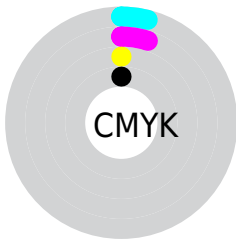
# Distribution



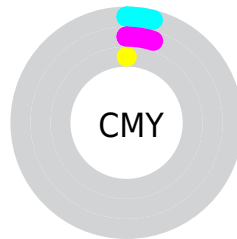
- Red (96%)
- Green (95%)
- Blue (100%)



- Red (96%)
- Yellow (95%)
- Blue (100%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.2650, 4.7994, 0.6446 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 245.2650, 4.7994, 0.6446 by changing the saturation by 10% instead.





 245.2650, 4.7994,  
0.6446

 245.2650, 4.7994,  
0.6446


255.0000, 0.0000,  
0.0000


 217.1510, 4.3626,  
0.7446

 189.1510, 4.3626,  
0.7446

 162.1510, 4.3626,  
0.7446

 135.8520, 4.5100,  
0.1298

 110.7380, 4.0732,  
0.2298

 86.0370, 3.9258,  
0.8446

 62.7380, 4.0732,

0.2298

■ 40.6240, 3.6364,  
0.3298

■ 20.5100, 3.1996,  
0.4297

■ 245.2650, 4.7994,  
0.6446

■ 245.2650, 4.7994,  
0.6446

■ 224.9090, 14.8349,  
1.8338

255.0000, 0.0000,  
0.0000

■ 203.9660, 25.1598,  
3.5378

■ 183.0230, 35.4847,  
5.2418

■ 162.6670, 45.5202,  
6.4310

■ 141.4250, 55.9925,  
7.5203

■ 121.0690, 66.0280,  
8.7095

■ 100.1260, 76.3529,  
10.4135

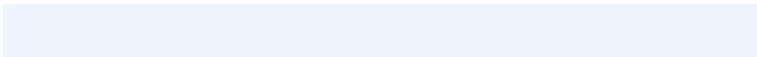
■ 79.7700, 86.3884,  
11.6027

■ 58.8270, 96.7133,  
13.3067

# Harmonies

## Analogous

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



244.3460, 5.2524, -4.6884



245.2650, 4.7994, 0.6446



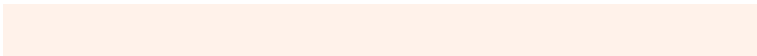
245.7280, 2.5991, 6.3775

# Triad

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



245.2650, 4.7994, 0.6446



244.9750, -5.4107, 8.7919



242.4610, 0.7587, -10.0513

# Complementary

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



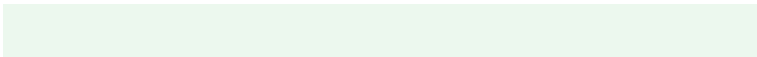
245.2650, 4.7994, 0.6446



252.7350, -4.7994, -0.6446

# 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.



243.2720, -2.5991, -6.3775



245.2650, 4.7994, 0.6446



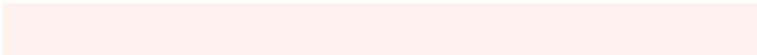
244.4260, -6.1260, 4.8884

# Square

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



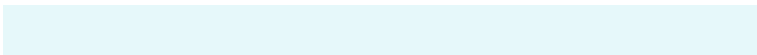
245.2650, 4.7994, 0.6446



244.9580, -2.9373, 8.8068



243.7350, -4.7994, -0.6446



242.8460, 3.5269, -11.2659



# Rectangle

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



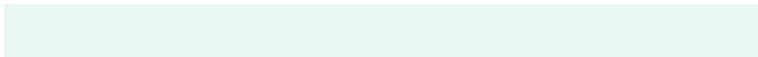
245.2650, 4.7994, 0.6446



245.8700, 0.5571, 8.0070



243.7350, -4.7994, -0.6446



242.8310, -0.4097, -8.6218

# Sweetspot

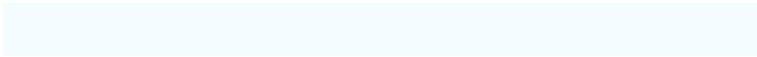
The Sweet Spot groups the original color and five complimentary colors.



245.2650, 4.7994, 0.6446



252.6410, 1.1630, 0.3148



249.6510, 2.6371, -5.8329



126.5270, 0.7262, 0.4148



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.



245.2650, 4.7994, 0.6446



242.9060, 5.9623, 0.9594



247.0590, 3.9149, 4.3333



120.6240, 3.6364, 0.3298



36.1260, 76.3529, 10.4135



12.0800, 25.5966, 3.4378



# Inverse Universe

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



247.6140, 2.1623, 6.4775



245.7390, 2.5937, 8.1219



250.9410, -3.9149, -4.3333



122.3750, 1.2941, 4.9331



73.4110, 34.3074, 103.1256

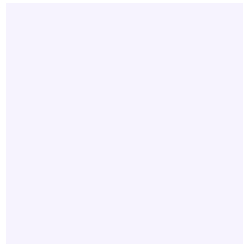


24.6080, 11.5323, 34.5468



# Previews

## White Background



This preview shows how the YUV color 245.2650, 4.7994, 0.6446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

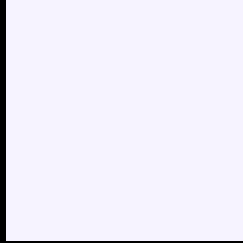
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.2650, 4.7994, 0.6446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

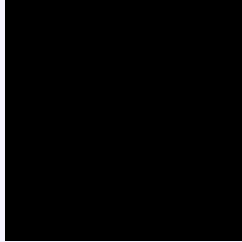
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 245.2650, 4.7994, 0.6446

## Background



This preview shows how black text looks on a background with the YUV color 245.2650, 4.7994, 0.6446.



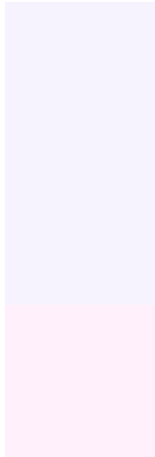
This preview shows how white text looks on a background with the YUV color 245.2650, 4.7994,

0.6446.

# 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

245.2650, 4.7994, 0.6446

### Protanopia

245.2650, 4.7994, 0.6446

### Deuteranopia

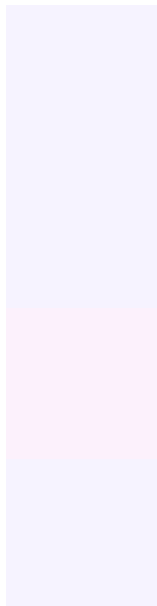
245.7390, 2.5937, 8.1219



## Tritanopia

245.2650, 4.7994, 0.6446

# Trichromacy



## Original Color

245.2650, 4.7994, 0.6446

## Protanomaly

245.2650, 4.7994, 0.6446

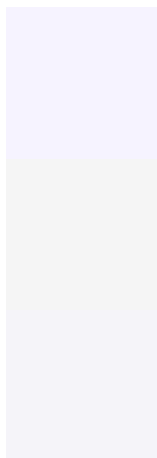
## Deuteranomaly

245.5430, 3.1833, 5.6628

## Tritanomaly

245.2650, 4.7994, 0.6446

# Monochromacy



## Original Color

245.2650, 4.7994, 0.6446

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

244.8690, 2.0366, 0.1149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.2650, 4.7994, 0.6446 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(246, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 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(246, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 255) }
```

## Border

The CSS property to change the border of an element to YUV 245.2650, 4.7994, 0.6446 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(246, 243, 255) }
```



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

```
.border{ border-color:rgb(246, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 245.2650, 4.7994, 0.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 255) }
```

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

```
.background{ background-color: rgb(246,  
243, 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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