

# Converting Colors

YUV(243.2050, 5.8149, 1.5742)

Have a look what the booklet for  
YUV(243.2050, 5.8149, 1.5742)  
contains.

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# Color

**YUV(243.2050, 5.8149,  
1.5742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F0FF
RGB	245, 240, 255
RGB Percent	96%, 94%, 100%
CMY	0.0392, 0.0588, 0.0000
CMYK	0.04, 0.06, 0.00, 0.00
HSL	260°, 100%, 97%
HSV	260°, 6%, 100%
XYZ	86.8663, 88.9527, 107.1990
YIQ	243.2050, -1.8350, 5.7250

# Conversions

## Conversions Part 2

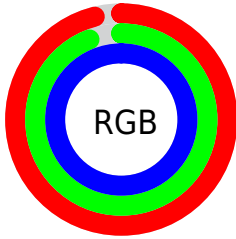
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 240, 255
Decimal	16118015
CIE Lab	95.56, 4.36, -6.62
CIE LCh	96, 7.924, 303.365
Yxy	88.9527, 0.3069, 0.3143
Android (android.graphics.Color)	4294308095 (0xFF5F0FF)
YUV	243.2050, 5.8149, 1.5742
Hunter-Lab	94.3147, -0.6477, -1.3693

# Details

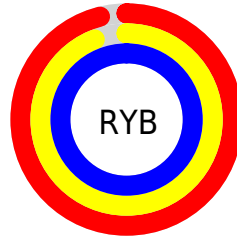
The YUV color `243.2050, 5.8149, 1.5742` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `251.7950, -5.8149, -1.5742`, and the grayscale version is `243.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `187.0910, 5.3781, 1.6742` is the 20% darker color. If you saturate the color by 10%, you get `223.4470, 15.5556, 3.9930`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

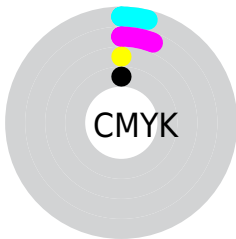
# Distribution



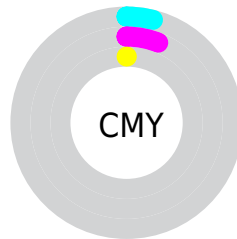
- Red (96%)
- Green (94%)
- Blue (100%)



- Red (96%)
- Yellow (94%)
- Blue (100%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (6%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 243.2050, 5.8149, 1.5742 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 243.2050, 5.8149, 1.5742 by changing the saturation by 10% instead.





 243.2050, 5.8149,  
1.5742

 243.2050, 5.8149,  
1.5742

255.0000, 0.0000,  
0.0000

 215.0910, 5.3781,  
1.6742

 187.0910, 5.3781,  
1.6742

 160.0910, 5.3781,  
1.6742

 133.7920, 5.5255,  
1.0594

 108.6780, 5.0887,  
1.1594

 84.5640, 4.6519,  
1.2594

 61.5640, 4.6519,

1.2594

■ 39.4500, 4.2152,  
1.3594

■ 18.7490, 4.0677,  
1.9741

■ 243.2050, 5.8149,  
1.5742

■ 243.2050, 5.8149,  
1.5742

■ 223.4470, 15.5556,  
3.9930

255.0000, 0.0000,  
0.0000

■ 203.1020, 25.5857,  
6.9265

■ 182.7570, 35.6158,  
9.8601

■ 162.9990, 45.3565,  
12.2789

■ 143.2410, 55.0972,  
14.6976

■ 122.8960, 65.1273,  
17.6312

■ 102.5510, 75.1574,  
20.5648

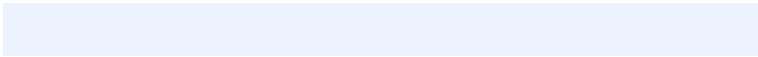
■ 82.7930, 84.8981,  
22.9835

■ 62.4480, 94.9281,  
25.9171

# Harmonies

## Analogous

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



242.2750, 6.2734, -5.5032



243.2050, 5.8149, 1.5742



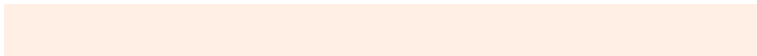
243.7390, 2.5937, 8.1219

# Triad

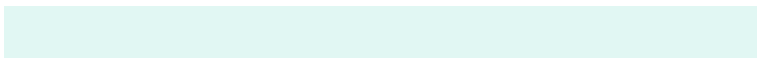
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.2050, 5.8149, 1.5742



242.6440, -6.7265, 10.8362



239.9660, 1.4958, -13.1252

# Complementary

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



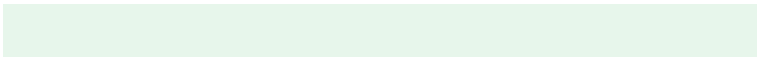
243.2050, 5.8149, 1.5742



251.7950, -5.8149, -1.5742

# 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.



240.2610, -2.5937, -8.1219



243.2050, 5.8149, 1.5742



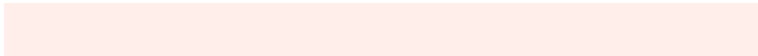
242.0840, -7.4364, 5.1883

# Square

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



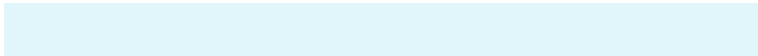
243.2050, 5.8149, 1.5742



242.6270, -4.2531, 10.8511



240.7950, -5.8149, -1.5742



239.8780, 4.9901, -13.9250



# Rectangle

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



243.2050, 5.8149, 1.5742



243.1800, 0.4043, 10.3661



240.7950, -5.8149, -1.5742



239.9230, 0.0380, -12.2105

# Sweetspot

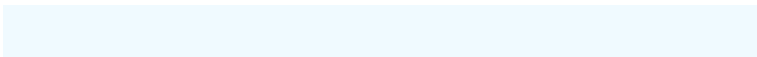
The Sweet Spot groups the original color and five complimentary colors.



243.2050, 5.8149, 1.5742



251.1680, 1.8892, 0.7297



247.5800, 3.6581, -6.6477



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.



243.2050, 5.8149, 1.5742



240.8460, 6.9779, 1.8891



245.5970, 4.6357, 6.4924



119.4500, 4.2151, 1.3593



40.9100, 73.9944, 20.2499



13.5750, 24.8595, 6.5117



# Inverse Universe

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



245.6250, 2.1569, 8.2219



243.7500, 2.5883, 9.8663



249.7020, -4.7831, -5.8777



121.0870, 1.4361, 6.0627



71.5870, 27.3186, 104.7252

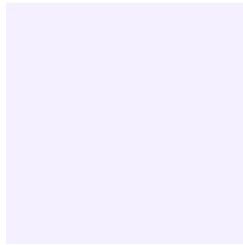


23.9240, 8.9115, 35.1467



# Previews

## White Background



This preview shows how the YUV color 243.2050, 5.8149, 1.5742 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

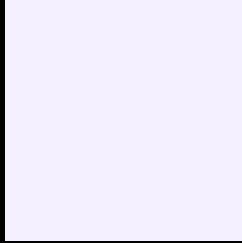
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.2050, 5.8149, 1.5742 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 243.2050, 5.8149, 1.5742

## Background



This preview shows how black text looks on a background with the YUV color 243.2050, 5.8149, 1.5742.



This preview shows how white text looks on a background with the YUV color 243.2050, 5.8149,

1.5742.

# 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

243.2050, 5.8149, 1.5742

### Protanopia

243.1940, 5.8204, -0.1701

### Deuteranopia

244.0920, 3.8986, 9.5663



## Tritanopia

243.2050, 5.8149, 1.5742

# Trichromacy



## Original Color

243.2050, 5.8149, 1.5742

## Protanomaly

243.4930, 5.6730, 0.4446

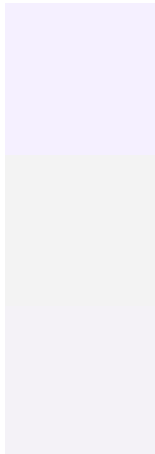
## Deuteranomaly

243.5970, 4.6357, 6.4924

## Tritanomaly

243.2050, 5.8149, 1.5742

# Monochromacy



## Original Color

243.2050, 5.8149, 1.5742

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

243.1680, 1.8892, 0.7297

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.2050, 5.8149, 1.5742 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(245, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 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(245, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 255) }
```

## Border

The CSS property to change the border of an element to YUV 243.2050, 5.8149, 1.5742 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(245, 240, 255) }
```



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

```
.border{ border-color:rgb(245, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 243.2050, 5.8149, 1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 255) }
```

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

```
.background{ background-color: rgb(245,  
240, 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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