

Converting Colors

YUV(246.6130, 3.6418, -1.4146)

Have a look what the booklet for
YUV(246.6130, 3.6418, -1.4146)
contains.

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Color

**YUV(246.6130, 3.6418,
-1.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6FE
RGB	245, 246, 254
RGB Percent	96%, 96%, 100%
CMY	0.0392, 0.0353, 0.0039
CMYK	0.04, 0.03, 0.00, 0.00
HSL	233°, 82%, 98%
HSV	233°, 4%, 100%
XYZ	88.5013, 92.4798, 106.9518
YIQ	246.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

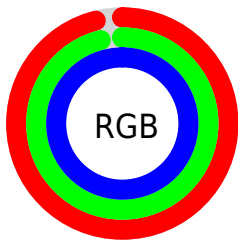
Format	Color
R_{YB}	245, 246, 254
Decimal	16119550
CIE Lab	97.02, 1.11, -3.96
CIE LCh	97, 4.108, 285.673
Yxy	92.4798, 0.3074, 0.3212
Android (android.graphics.Color)	4294309630 (0xFF5F6FE)
YUV	246.6130, 3.6418, -1.4146
Hunter-Lab	96.1664, -4.0188, 1.3769

Details

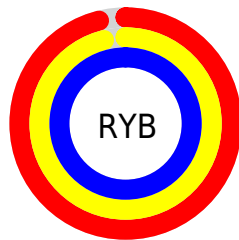
The YUV color $246.6130, 3.6418, -1.4146$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $252.3870, -3.6418, 1.4146$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.4990, 3.2050, -1.3146$ is the 20% darker color. If you saturate the color by 10%, you get $225.6370, 13.9830, -4.9436$, and if you desaturate by 10%, it is $254.8860, -0.4368, 0.1000$.

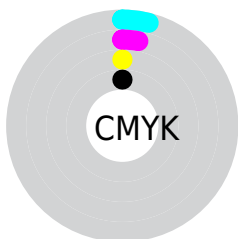
Distribution



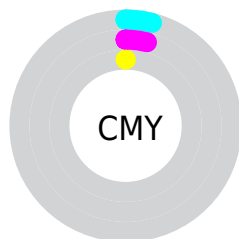
- Red (96%)
- Green (96%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 246.6130, 3.6418, -1.4146 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 246.6130, 3.6418, -1.4146 by changing the saturation by 10% instead.

246.6130, 3.6418,
-1.4146

246.6130, 3.6418,
-1.4146

255.0000, 0.0000,
0.0000

218.4990, 3.2050,
-1.3146

190.4990, 3.2050,
-1.3146

163.4990, 3.2050,
-1.3146

136.9120, 3.4944,
-0.7998

111.4990, 3.2050,
-1.3146

87.3850, 2.7682,
-1.2146

64.3850, 2.7682,

-1.2146

■ 42.3850, 2.7682,
-1.2146

■ 21.3850, 2.7682,
-1.2146

■ 246.6130, 3.6418,
-1.4146

■ 246.6130, 3.6418,
-1.4146

■ 225.6370, 13.9830,
-4.9436

254.8860, -0.4368,
0.1000

■ 204.9490, 24.1821,
-9.6023

■ 183.9730, 34.5233,
-13.1313

■ 163.2850, 44.7225,
-17.7899

■ 142.3090, 55.0637,
-21.3190

■ 121.9200, 65.1154,
-25.3628

■ 100.6450, 75.6040,
-29.5067

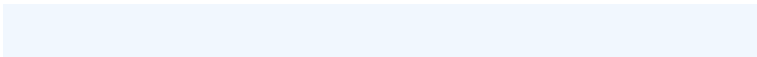
■ 79.6690, 85.9452,
-33.0357

■ 58.9810, 96.1444,
-37.6943

Harmonies

Analogous

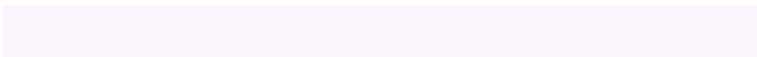
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.0040, 3.9420, -4.3885



246.6130, 3.6418, -1.4146



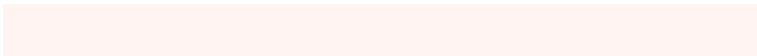
247.2930, 2.3206, 2.3740

Triad

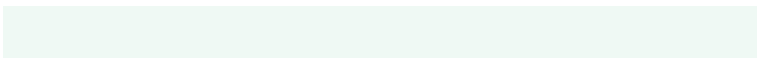
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.6130, 3.6418, -1.4146



246.9470, -2.9319, 7.0625



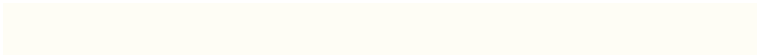
245.4400, -0.7099, -5.6479

Complementary

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



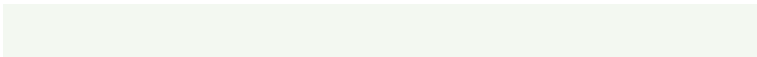
246.6130, 3.6418, -1.4146



252.3870, -3.6418, 1.4146

Split Complementary

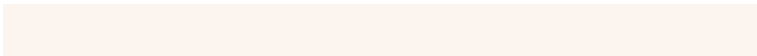
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.7070, -2.3206, -2.3740



246.6130, 3.6418, -1.4146



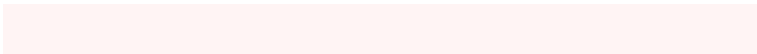
246.4090, -3.6526, 4.9033

Square

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



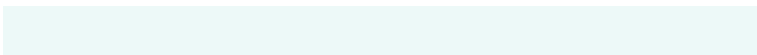
246.6130, 3.6418, -1.4146



247.2890, -1.6215, 6.7625



246.3870, -3.6418, 1.4146



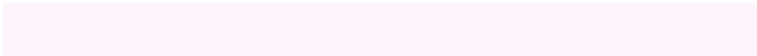
245.2980, 1.3321, -7.2773

Rectangle

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



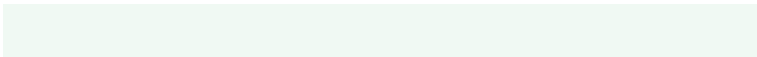
246.6130, 3.6418, -1.4146



247.0760, 1.4415, 4.3183



246.3870, -3.6418, 1.4146



245.6250, -1.2941, -4.9331

Sweetspot

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



246.6130, 3.6418, -1.4146



252.9290, 1.0210, -0.8147



251.1950, 0.8899, -5.4330



126.2280, 0.8736, -0.2000



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.



246.6130, 3.6418, -1.4146



246.7270, 4.0786, -1.5146



246.9230, 3.4890, 0.9445



122.3850, 2.7682, -1.2146



34.1010, 77.3512, -29.9066



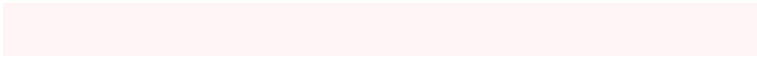
11.4050, 25.9293, -10.0022

Inverse Universe

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



247.8050, -0.8899, 5.4330



248.1040, -1.0373, 6.0478



252.0770, -3.4890, -0.9445



123.2070, -0.5951, 4.2035



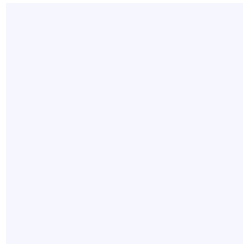
59.5030, -18.9820, 115.3229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 246.6130, 3.6418, -1.4146 looks on a white background.

Color Contrast Check

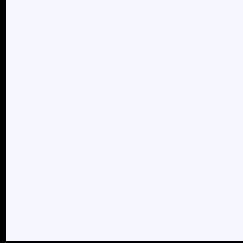
Large Text (above 18pt) WCAG AA × Fail

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 246.6130, 3.6418, -1.4146 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

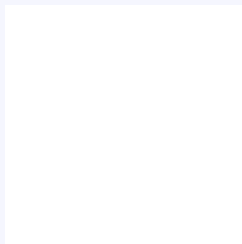
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.6130, 3.6418, -1.4146

Background



This preview shows how black text looks on a background with the YUV color 246.6130, 3.6418, -1.4146.



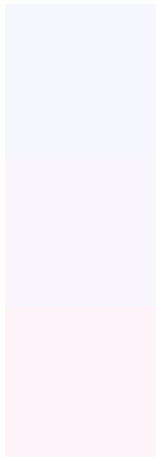
This preview shows how white text looks on a background with the YUV color 246.6130, 3.6418,

-1.446.

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

246.6130, 3.6418, -1.4146

Protanopia

247.1080, 2.9048, 1.6593

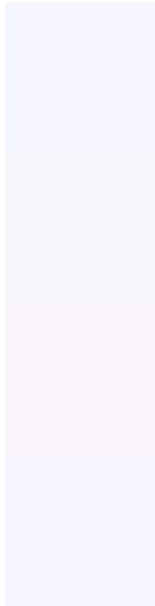
Deuteranopia

247.3860, 1.2887, 6.6775

Tritanopia

246.4390, 4.2206, -0.3850

Trichromacy



Original Color

246.6130, 3.6418, -1.4146

Protanomaly

246.8090, 3.0522, 1.0445

Deuteranomaly

246.8910, 2.0257, 3.6036

Tritanomaly

246.4390, 4.2206, -0.3850

Monochromacy



Original Color

246.6130, 3.6418, -1.4146

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.6130, 3.6418, -1.4146 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, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 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(245, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 254) }
```

Border

The CSS property to change the border of an element to YUV 246.6130, 3.6418, -1.4146 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, 246, 254) }
```


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

```
.border{ border-color:rgb(245, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 246.6130, 3.6418, -1.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 254) }
```

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

```
.background{ background-color: rgb(245,  
246, 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](#).

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