

Converting Colors

YUV(244.8090, 3.0522, 1.0445)

Have a look what the booklet for
YUV(244.8090, 3.0522, 1.0445)
contains.

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Color

**YUV(244.8090, 3.0522,
1.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F3FB
RGB	246, 243, 251
RGB Percent	96%, 95%, 98%
CMY	0.0353, 0.0471, 0.0157
CMYK	0.02, 0.03, 0.00, 0.02
HSL	263°, 50%, 97%
HSV	263°, 3%, 98%
XYZ	87.4692, 90.6590, 104.1556
YIQ	244.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

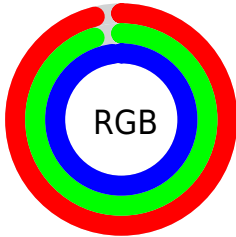
Format	Color
R _Y B	246, 243, 251
Decimal	16184315
CIE Lab	96.27, 2.42, -3.49
CIE LCh	96, 4.252, 304.730
Yxy	90.6590, 0.3099, 0.3212
Android (android.graphics.Color)	4294374395 (0xFFFF6F3FB)
YUV	244.8090, 3.0522, 1.0445
Hunter-Lab	95.2150, -2.6475, 1.7933

Details

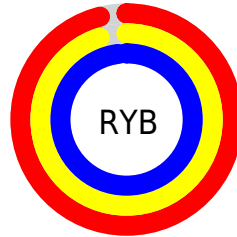
The YUV color `244.8090, 3.0522, 1.0445` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.1910, -3.0522, -1.0445`, and the grayscale version is `245.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `188.8090, 3.0522, 1.0445` is the 20% darker color. If you saturate the color by 10%, you get `225.3500, 12.6455, 4.0781`, and if you desaturate by 10%, it is `254.5440, -1.7472, 0.3999`.

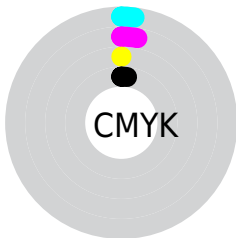
Distribution



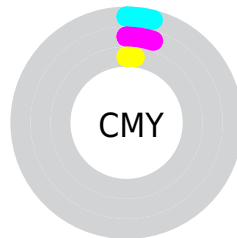
- Red (96%)
- Green (95%)
- Blue (98%)



- Red (96%)
- Yellow (95%)
- Blue (98%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.8090, 3.0522, 1.0445 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 244.8090, 3.0522, 1.0445 by changing the saturation by 10% instead.

244.8090, 3.0522,
1.0445

244.8090, 3.0522,
1.0445

255.0000, 0.0000,
0.0000

216.6950, 2.6154,
1.1445

188.8090, 3.0522,
1.0445

161.6950, 2.6154,
1.1445

135.3960, 2.7628,
0.5297

110.2820, 2.3260,
0.6297

85.6950, 2.6154,
1.1445

62.2820, 2.3260,

0.6297

■ 40.5810, 2.1786,
1.2445

■ 20.2820, 2.3260,
0.6297

■ 244.8090, 3.0522,
1.0445

■ 244.8090, 3.0522,
1.0445

■ 225.3500, 12.6455,
4.0781

254.5440, -1.7472,
0.3999

■ 206.1900, 22.0913,
7.7264

■ 186.7310, 31.6846,
10.7599

■ 167.2720, 41.2779,
13.7935

■ 148.1120, 50.7238,
17.4418

■ 128.0660, 60.6065,
20.9901

■ 108.6070, 70.1997,
24.0237

■ 89.4470, 79.6456,
27.6720

■ 69.9880, 89.2389,
30.7055

Harmonies

Analogous

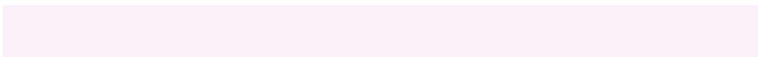
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.0150, 3.9366, -2.6442



244.8090, 3.0522, 1.0445



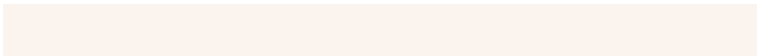
245.0760, 1.4415, 4.3183

Triad

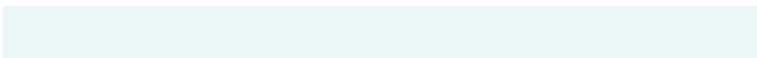
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.8090, 3.0522, 1.0445



244.7080, -3.8000, 5.5181



243.1840, 0.8953, -7.1774

Complementary

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



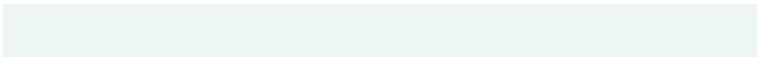
244.8090, 3.0522, 1.0445



249.1910, -3.0522, -1.0445

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.



243.0380, -1.0047, -4.4183



244.8090, 3.0522, 1.0445



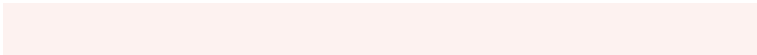
243.9850, -3.9366, 2.6442

Square

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



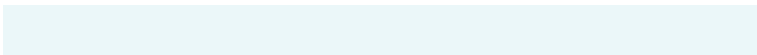
244.8090, 3.0522, 1.0445



245.0610, -2.4951, 6.9625



243.1910, -3.0522, -1.0445



243.6400, 2.6425, -7.5773

Rectangle

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



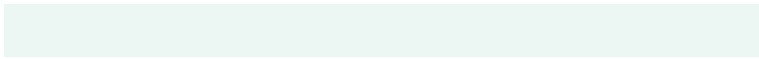
244.8090, 3.0522, 1.0445



245.3320, -0.1637, 5.8478



243.1910, -3.0522, -1.0445



243.2550, -0.1257, -6.3626

Sweetspot

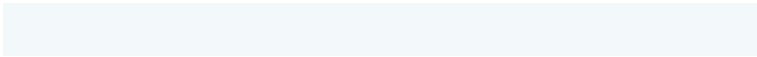
The Sweet Spot groups the original color and five complimentary colors.



244.8090, 3.0522, 1.0445



252.6410, 1.1630, 0.3148



246.8470, 2.0474, -3.3738



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.



244.8090, 3.0522, 1.0445



247.3360, 3.7784, 1.4593



246.0050, 2.4625, 3.5036



120.2820, 2.3260, 0.6297



42.7750, 72.0889, 24.7533



13.8310, 23.2543, 8.0412

Inverse Universe

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



245.9620, 1.0047, 4.4183



248.6740, 1.1467, 5.5479



247.9950, -2.4625, -3.5036



121.2500, 0.8628, 3.2887



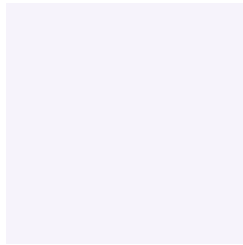
69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 244.8090, 3.0522, 1.0445 looks on a white background.

Color Contrast Check

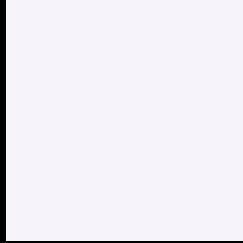
Large Text (above 18pt) WCAG AA × Fail

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 244.8090, 3.0522, 1.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

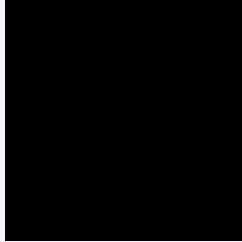
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

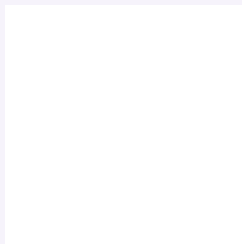
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.8090, 3.0522, 1.0445

Background



This preview shows how black text looks on a background with the YUV color 244.8090, 3.0522, 1.0445.



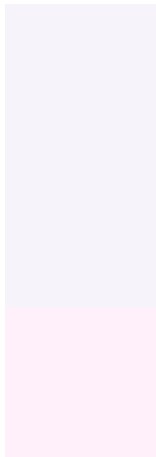
This preview shows how white text looks on a background with the YUV color 244.8090, 3.0522,

1.0445.

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

244.8090, 3.0522, 1.0445

Protanopia

244.8090, 3.0522, 1.0445

Deuteranopia

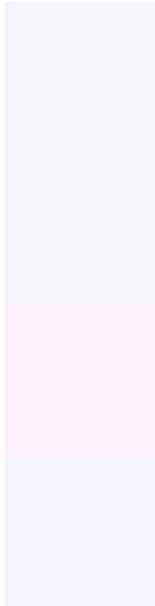
245.5110, 1.7201, 8.3219



Tritanopia

244.6780, 5.0887, 1.1594

Trichromacy



Original Color

244.8090, 3.0522, 1.0445

Protanomaly

244.8090, 3.0522, 1.0445

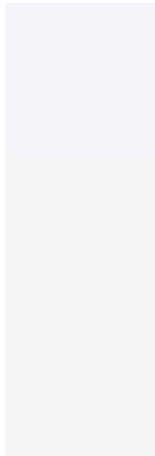
Deuteranomaly

245.3150, 2.3097, 5.8627

Tritanomaly

244.5640, 4.6519, 1.2594

Monochromacy



Original Color

244.8090, 3.0522, 1.0445

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.6410, 1.1630, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.8090, 3.0522, 1.0445 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 251) }
```

Border

The CSS property to change the border of an element to YUV 244.8090, 3.0522, 1.0445 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, 251) }
```


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

```
.border{ border-color:rgb(246, 243, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 244.8090, 3.0522, 1.0445 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, 251) }
```

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

```
.background{ background-color: rgb(246,  
243, 251) }
```

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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