

Converting Colors

YUV(246.4880, 3.2104, -3.0590)

Have a look what the booklet for
YUV(246.4880, 3.2104, -3.0590)
contains.

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Color

**YUV(246.4880, 3.2104,
-3.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7FD
RGB	243, 247, 253
RGB Percent	95%, 97%, 99%
CMY	0.0471, 0.0314, 0.0078
CMYK	0.04, 0.02, 0.00, 0.01
HSL	216°, 71%, 97%
HSV	216°, 4%, 99%
XYZ	87.9525, 92.6681, 106.1796
YIQ	246.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

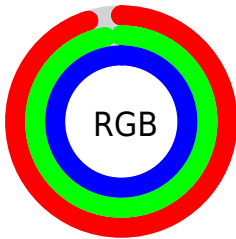
Format	Color
R _Y B	243, 246, 253
Decimal	15988733
CIE Lab	97.09, -0.23, -3.34
CIE LCh	97, 3.351, 266.031
Yxy	92.6681, 0.3067, 0.3231
Android (android.graphics.Color)	4294178813 (0xFFFF3F7FD)
YUV	246.4880, 3.2104, -3.0590
Hunter-Lab	96.2643, -5.3746, 1.9880

Details

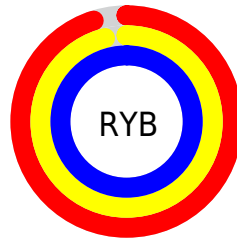
The YUV color `246.4880, 3.2104, -3.0590` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.5120, -3.2104, 3.0590`, and the grayscale version is `246.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `190.3740, 2.7736, -2.9590` is the 20% darker color. If you saturate the color by 10%, you get `230.2080, 11.2365, -10.7064`, and if you desaturate by 10%, it is `254.7720, -0.8736, 0.2000`.

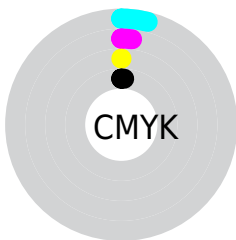
Distribution



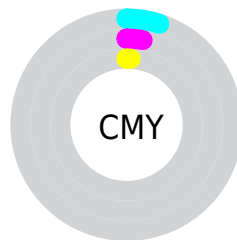
- Red (95%)
- Green (97%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.4880, 3.2104, -3.0590 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 246.4880, 3.2104, -3.0590 by changing the saturation by 10% instead.

246.4880, 3.2104,
-3.0590

246.4880, 3.2104,
-3.0590

255.0000, 0.0000,
0.0000

218.3740, 2.7736,
-2.9590

190.3740, 2.7736,
-2.9590

163.3740, 2.7736,
-2.9590

136.7870, 3.0630,
-2.4442

111.3740, 2.7736,
-2.9590

87.3740, 2.7736,
-2.9590

63.6730, 2.6262,

-2.3442

■ 41.6730, 2.6262,
-2.3442

■ 21.5590, 2.1894,
-2.2442

■ 246.4880, 3.2104,
-3.0590

■ 246.4880, 3.2104,
-3.0590

■ 230.2080, 11.2365,
-10.7064

254.7720, -0.8736,
0.2000

■ 213.6290, 19.4099,
-18.9686

■ 196.7620, 27.7253,
-26.1013

■ 180.4820, 35.7514,
-33.7487

■ 163.9030, 43.9248,
-42.0109

■ 147.6230, 51.9509,
-49.6584

■ 131.3430, 59.9769,
-57.3058

■ 115.0630, 68.0029,
-64.9533

■ 97.8970, 76.4658,
-72.7007

Harmonies

Analogous

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



246.0640, 2.9264, -5.3181



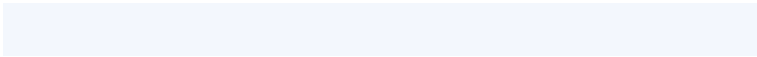
246.4880, 3.2104, -3.0590



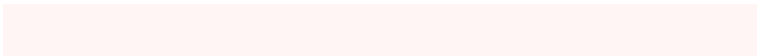
246.9830, 2.4734, 0.0149

Triad

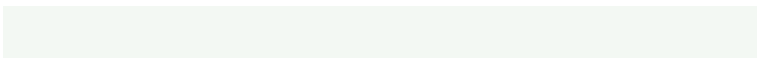
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.4880, 3.2104, -3.0590



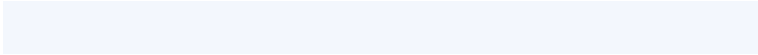
247.5770, -1.7635, 5.6330



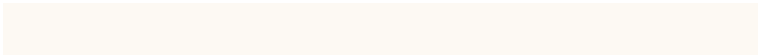
245.9350, -1.4470, -2.5740

Complementary

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



246.4880, 3.2104, -3.0590



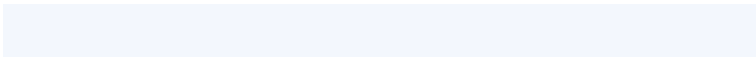
249.5120, -3.2104, 3.0590

Split Complementary

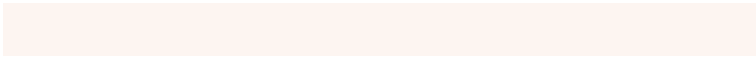
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.0170, -2.4734, -0.0149



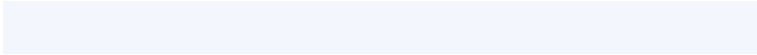
246.4880, 3.2104, -3.0590



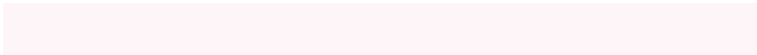
246.9360, -2.9264, 5.3181

Square

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



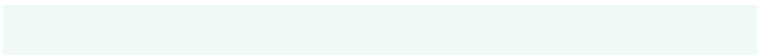
246.4880, 3.2104, -3.0590



247.6200, -0.3057, 4.7183



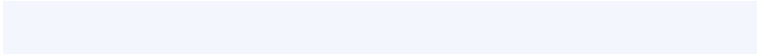
246.5120, -3.2104, 3.0590



245.9670, 0.0163, -5.2331

Rectangle

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



246.4880, 3.2104, -3.0590



246.8800, 2.0312, 1.8592



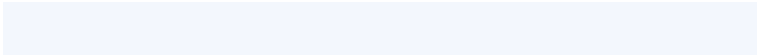
246.5120, -3.2104, 3.0590



246.1200, -2.0312, -1.8592

Sweetspot

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



246.4880, 3.2104, -3.0590



252.9290, 1.0210, -0.8147



249.5540, -0.2731, -5.7479



126.8150, 0.5842, -0.7148



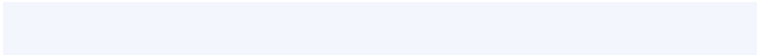
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.4880, 3.2104, -3.0590



246.4170, 4.2314, -3.8737



244.4390, 4.2206, -0.3850



122.6730, 2.6262, -2.3442



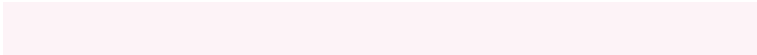
66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834

Inverse Universe

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



246.4460, 0.2731, 5.7479



246.4570, 0.2677, 7.4922



251.5610, -4.2206, 0.3850



122.7340, 0.1311, 4.6183



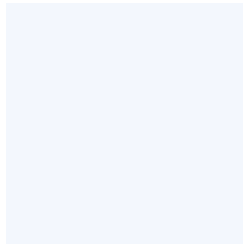
65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 246.4880, 3.2104, -3.0590 looks on a white background.

Color Contrast Check

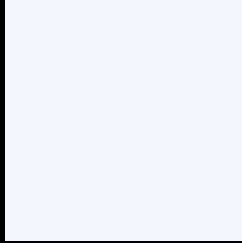
Large Text (above 18pt) WCAG AA × Fail

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 246.4880, 3.2104, -3.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

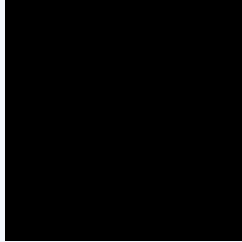
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

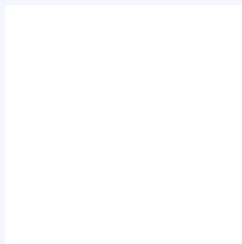
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.4880, 3.2104, -3.0590

Background



This preview shows how black text looks on a background with the YUV color 246.4880, 3.2104, -3.0590.



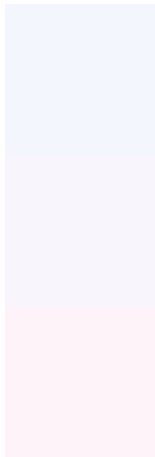
This preview shows how white text looks on a background with the YUV color 246.4880, 3.2104, -3.0590.

-3.090.

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

246.4880, 3.2104, -3.0590

Protanopia

246.9940, 2.4680, 1.7593

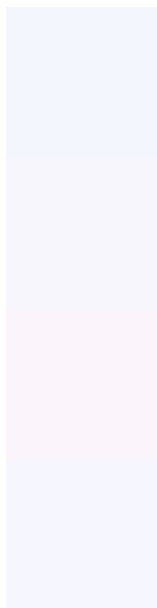
Deuteranopia

247.3860, 1.2887, 6.6775

Tritanopia

247.0260, 3.9312, -0.8998

Trichromacy



Original Color

246.4880, 3.2104, -3.0590

Protanomaly

246.9830, 2.4734, 0.0149

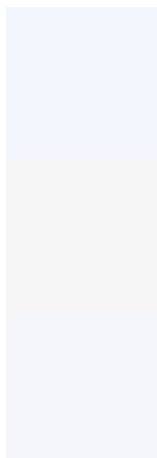
Deuteranomaly

246.8910, 2.0257, 3.6036

Tritanomaly

246.6130, 3.6418, -1.4146

Monochromacy



Original Color

246.4880, 3.2104, -3.0590

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

246.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.4880, 3.2104, -3.0590 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(243, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 253)  
}
```

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(243, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 253) }
```

Border

The CSS property to change the border of an element to YUV 246.4880, 3.2104, -3.0590 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(243, 247, 253) }
```


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

```
.border{ border-color:rgb(243, 247, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 247, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 247, 253); box-shadow:4px 4px 4px 4px rgb(243, 247, 253) }
```

Background

The CSS property to change the background color of an element to YUV 246.4880, 3.2104, -3.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 253) }
```

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

```
.background{ background-color: rgb(243,  
247, 253) }
```

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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