

Converting Colors

YUV(247.4770, 3.2158, -4.8033)

Have a look what the booklet for
YUV(247.4770, 3.2158, -4.8033)
contains.

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Color

**YUV(247.4770, 3.2158,
-4.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F9FE
RGB	242, 249, 254
RGB Percent	95%, 98%, 100%
CMY	0.0510, 0.0235, 0.0039
CMYK	0.05, 0.02, 0.00, 0.00
HSL	205°, 86%, 97%
HSV	205°, 5%, 100%
XYZ	88.3830, 93.7844, 107.2098
YIQ	247.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

Format	Color
R_{YB}	242, 246, 254
Decimal	15923710
CIE _{Lab}	97.55, -1.39, -3.20
CIE _{LCh}	98, 3.491, 246.572
Yxy	93.7844, 0.3054, 0.3241
Android (android.graphics.Color)	4294113790 (0xFFFF2F9FE)
YUV	247.4770, 3.2158, -4.8033
Hunter-Lab	96.8423, -6.5663, 2.1523

Details

The YUV color $247.4770, 3.2158, -4.8033$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.5230, -3.2158, 4.8033$, 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 $191.3630, 2.7790, -4.7034$ is the 20% darker color. If you saturate the color by 10%, you get $233.5450, 10.0843, -14.5100$, and if you desaturate by 10%, it is $254.8860, -0.4368, 0.1000$.

Distribution



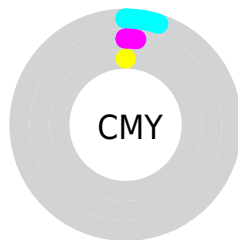
- Red (95%)
- Green (98%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.4770, 3.2158, -4.8033 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 247.4770, 3.2158, -4.8033 by changing the saturation by 10% instead.

247.4770, 3.2158,
-4.8033

247.4770, 3.2158,
-4.8033

255.0000, 0.0000,
0.0000

218.7760, 3.0684,
-4.1886

191.3630, 2.7790,
-4.7034

163.7760, 3.0684,
-4.1886

137.7760, 3.0684,
-4.1886

112.6620, 2.6316,
-4.0886

87.6620, 2.6316,
-4.0886

64.6620, 2.6316,

-4.0886

■ 42.6620, 2.6316,
-4.0886

■ 21.9610, 2.4842,
-3.4738

■ 247.4770, 3.2158,
-4.8033

■ 247.4770, 3.2158,
-4.8033

■ 233.5450, 10.0843,
-14.5100

254.8860, -0.4368,
0.1000

■ 219.9010, 16.8108,
-25.3462

■ 205.9690, 23.6793,
-35.0528

■ 192.3250, 30.4058,
-45.8890

■ 178.3930, 37.2743,
-55.5957

■ 164.4610, 44.1427,
-65.3023

■ 150.8170, 50.8692,
-76.1385

■ 136.8850, 57.7377,
-85.8451

■ 123.2410, 64.4642,
-96.6814

Harmonies

Analogous

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



247.2380, 2.3477, -6.3477



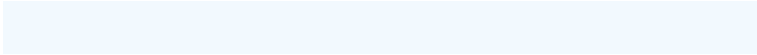
247.4770, 3.2158, -4.8033



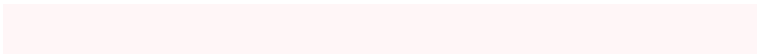
248.2000, 3.3524, -1.9294

Triad

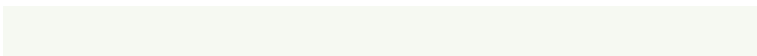
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.4770, 3.2158, -4.8033



248.8050, -0.8899, 5.4330



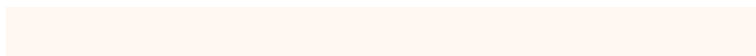
247.3050, -2.6154, -1.1445

Complementary

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



247.4770, 3.2158, -4.8033



248.5230, -3.2158, 4.8033

Split Complementary

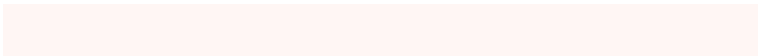
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.8000, -3.3524, 1.9294



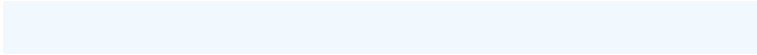
247.4770, 3.2158, -4.8033



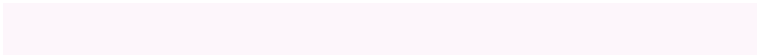
248.4630, -2.2003, 5.7329

Square

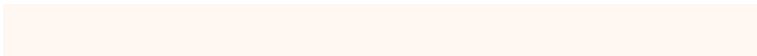
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



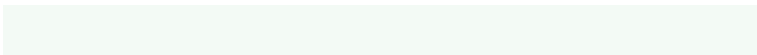
247.4770, 3.2158, -4.8033



248.6630, 1.1521, 3.8035



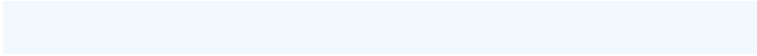
248.5230, -3.2158, 4.8033



247.3370, -1.1521, -3.8035

Rectangle

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



247.4770, 3.2158, -4.8033



248.0970, 2.9102, -0.0851



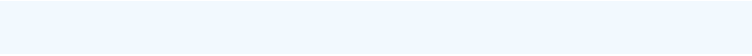
248.5230, -3.2158, 4.8033



247.6040, -2.7628, -0.5297

Sweetspot

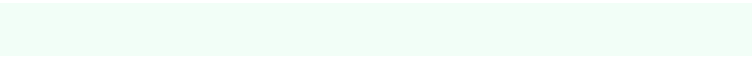
The Sweet Spot groups the original color and five complimentary colors.



247.4770, 3.2158, -4.8033



253.5160, 0.7316, -1.3295



249.6140, -1.2887, -6.6775



126.8150, 0.5842, -0.7148



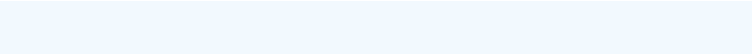
0.0000, 0.0000, 0.0000



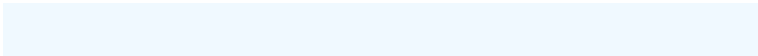
128.0000, 0.0000, 0.0000

Same Dimension

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



247.4770, 3.2158, -4.8033



246.9930, 3.9475, -6.1329



243.9550, 4.9522, -1.7145



122.9610, 2.4842, -3.4738



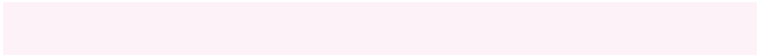
87.5180, 51.0166, -76.7533



29.0150, 17.2476, -25.4462

Inverse Universe

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



246.3860, 1.2887, 6.6775



245.5110, 1.7201, 8.3219



252.0450, -4.9522, 1.7145



122.2610, 0.8573, 5.0331



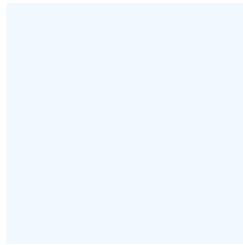
69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 247.4770, 3.2158, -4.8033 looks on a white background.

Color Contrast Check

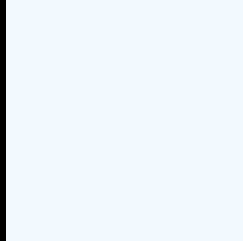
Large Text (above 18pt) WCAG AA × Fail

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 247.4770, 3.2158, -4.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

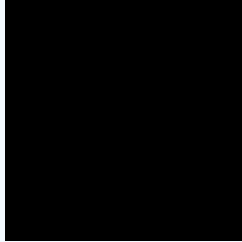
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

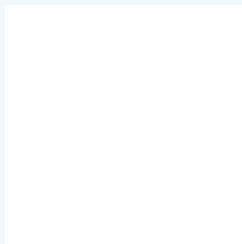
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.4770, 3.2158, -4.8033

Background



This preview shows how black text looks on a background with the YUV color 247.4770, 3.2158, -4.8033.



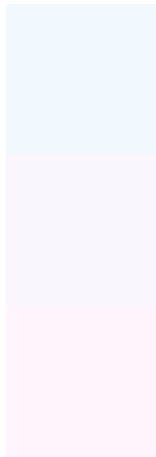
This preview shows how white text looks on a background with the YUV color 247.4770, 3.2158, -4.8033.

-4.833.

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

247.4770, 3.2158, -4.8033

Protanopia

248.2930, 2.3206, 2.3740

Deuteranopia

248.6740, 1.1467, 5.5479

Tritanopia

248.2000, 3.3524, -1.9294

Trichromacy



Original Color

247.4770, 3.2158, -4.8033

Protanomaly

247.9830, 2.4734, 0.0149

Deuteranomaly

247.8800, 2.0312, 1.8592

Tritanomaly

247.9010, 3.4998, -2.5442

Monochromacy



Original Color

247.4770, 3.2158, -4.8033

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.4770, 3.2158, -4.8033 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(242, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 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(242, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 254) }
```

Border

The CSS property to change the border of an element to YUV 247.4770, 3.2158, -4.8033 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(242, 249, 254) }
```


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

```
.border{ border-color:rgb(242, 249, 254) }
```

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

Here you see how a box with a 4 pixel rgb(242, 249, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 247.4770, 3.2158, -4.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 254) }
```

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

```
.background{ background-color: rgb(242,  
249, 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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