

Converting Colors

YUV(246.4170, 4.2314, -3.8737)

Have a look what the booklet for
YUV(246.4170, 4.2314, -3.8737)
contains.

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Color

**YUV(246.4170, 4.2314,
-3.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F7FF
RGB	242, 247, 255
RGB Percent	95%, 97%, 100%
CMY	0.0510, 0.0314, 0.0000
CMYK	0.05, 0.03, 0.00, 0.00
HSL	217°, 100%, 97%
HSV	217°, 5%, 100%
XYZ	87.9287, 92.6188, 107.8506
YIQ	246.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

Format	Color
R_{YB}	242, 246, 255
Decimal	15923199
CIE _{Lab}	97.07, -0.19, -4.41
CIE _{LCh}	97, 4.417, 267.541
Yxy	92.6188, 0.3049, 0.3211
Android (android.graphics.Color)	4294113279 (0xFFFF2F7FF)
YUV	246.4170, 4.2314, -3.8737
Hunter-Lab	96.2386, -5.3306, 0.9232

Details

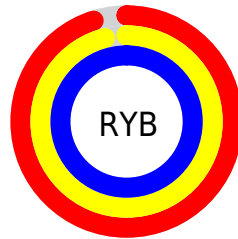
The YUV color `246.4170, 4.2314, -3.8737` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `250.5830, -4.2314, 3.8737`, and the grayscale version is `246.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `190.3030, 3.7946, -3.7737` is the 20% darker color. If you saturate the color by 10%, you get `229.5500, 12.5469, -11.0063`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

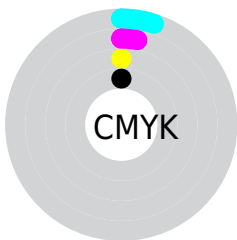
Distribution



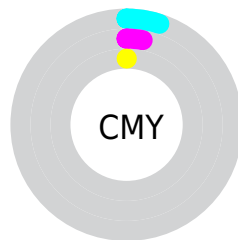
- Red (95%)
- Green (97%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.4170, 4.2314, -3.8737 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 246.4170, 4.2314, -3.8737 by changing the saturation by 10% instead.

246.4170, 4.2314,
-3.8737

246.4170, 4.2314,
-3.8737

255.0000, 0.0000,
0.0000

218.3030, 3.7946,
-3.7737

190.3030, 3.7946,
-3.7737

163.3030, 3.7946,
-3.7737

136.7160, 4.0840,
-3.2589

111.6020, 3.6472,
-3.1590

87.1890, 3.3578,
-3.6738

63.6020, 3.6472,

-3.1590

■ 41.4880, 3.2104,
-3.0590

■ 21.3740, 2.7736,
-2.9590

■ 246.4170, 4.2314,
-3.8737

■ 246.4170, 4.2314,
-3.8737

■ 229.5500, 12.5469,
-11.0063

255.0000, 0.0000,
0.0000

■ 212.9710, 20.7203,
-19.2686

■ 195.8050, 29.1831,
-27.0160

■ 178.9380, 37.4986,
-34.1486

■ 162.3590, 45.6720,
-42.4108

■ 145.4920, 53.9874,
-49.5435

■ 128.3260, 62.4503,
-57.2909

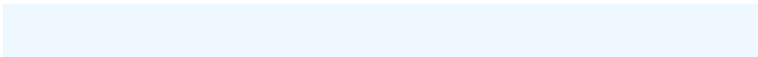
■ 111.4590, 70.7657,
-64.4235

■ 94.8800, 78.9392,
-72.6858

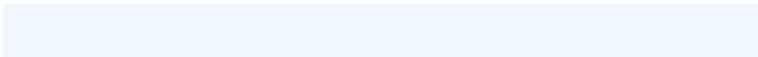
Harmonies

Analogous

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



245.6940, 4.0949, -6.7476



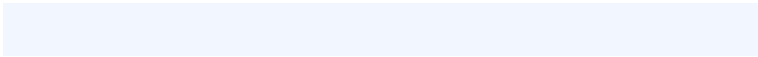
246.4170, 4.2314, -3.8737



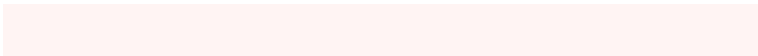
247.2110, 3.3470, -0.1850

Triad

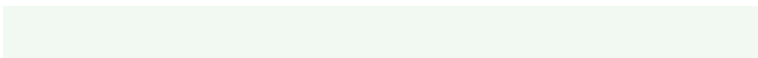
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.4170, 4.2314, -3.8737



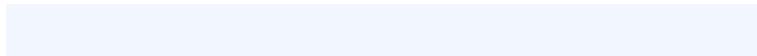
247.1750, -2.0583, 6.8625



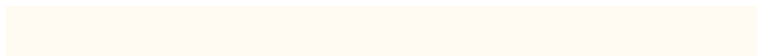
245.8100, -1.8783, -4.2184

Complementary

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



246.4170, 4.2314, -3.8737



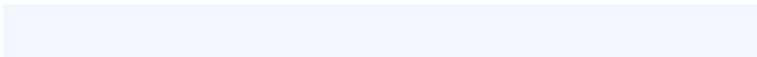
250.5830, -4.2314, 3.8737

Split Complementary

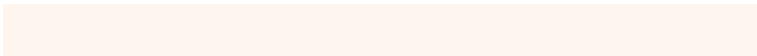
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.3760, -3.6364, -0.3298



246.4170, 4.2314, -3.8737



247.3060, -4.0949, 6.7476

Square

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



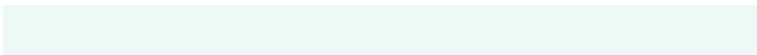
246.4170, 4.2314, -3.8737



247.6310, -0.3111, 6.4626



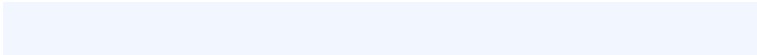
246.5830, -4.2314, 3.8737



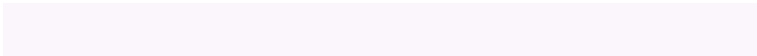
245.0700, 0.4585, -7.0774

Rectangle

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



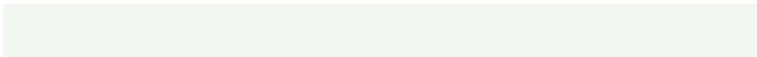
246.4170, 4.2314, -3.8737



247.5920, 2.1731, 2.9888



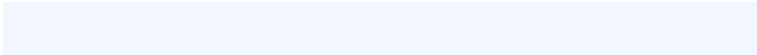
246.5830, -4.2314, 3.8737



245.4080, -2.1731, -2.9888

Sweetspot

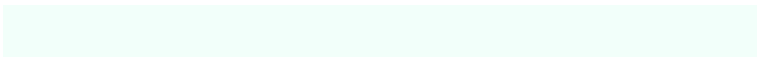
The Sweet Spot groups the original color and five complimentary colors.



246.4170, 4.2314, -3.8737



251.7440, 1.6052, -1.5295



250.5430, -0.2677, -7.4922



125.9290, 1.0210, -0.8147



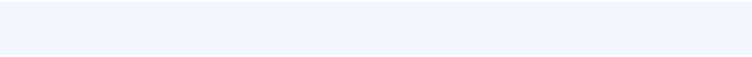
0.0000, 0.0000, 0.0000



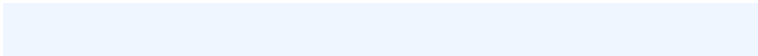
128.0000, 0.0000, 0.0000

Same Dimension

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



246.4170, 4.2314, -3.8737



245.2320, 4.8156, -4.5885



243.7810, 5.5310, -0.6849



121.7870, 3.0630, -2.4442



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Inverse Universe

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



246.4570, 0.2677, 7.4922



245.1690, 0.4097, 8.6218



253.2190, -5.5310, 0.6849



122.0330, -0.0163, 5.2331



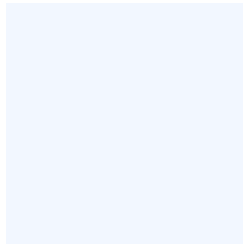
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 246.4170, 4.2314, -3.8737 looks on a white background.

Color Contrast Check

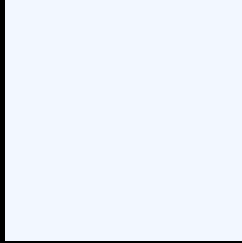
Large Text (above 18pt) WCAG AA × Fail

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 246.4170, 4.2314, -3.8737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

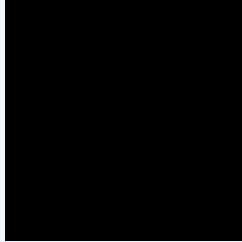
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

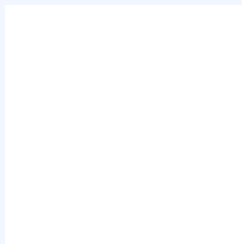
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.4170, 4.2314, -3.8737

Background



This preview shows how black text looks on a background with the YUV color 246.4170, 4.2314, -3.8737.



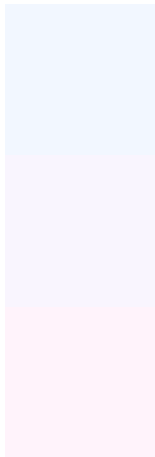
This preview shows how white text looks on a background with the YUV color 246.4170, 4.2314, -3.8737.

-3.837.

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

246.4170, 4.2314, -3.8737

Protanopia

247.2220, 3.3416, 1.5593

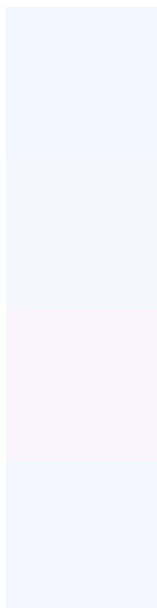
Deuteranopia

247.5000, 1.7255, 6.5775

Tritanopia

246.7270, 4.0786, -1.5146

Trichromacy



Original Color

246.4170, 4.2314, -3.8737

Protanomaly

246.9120, 3.4944, -0.7998

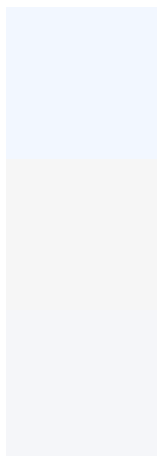
Deuteranomaly

246.7060, 2.6099, 2.8888

Tritanomaly

246.4280, 4.2260, -2.1294

Monochromacy



Original Color

246.4170, 4.2314, -3.8737

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 246.4170, 4.2314, -3.8737 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 247, 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(242, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 247, 255) }
```

Border

The CSS property to change the border of an element to YUV 246.4170, 4.2314, -3.8737 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, 247, 255) }
```


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

```
.border{ border-color:rgb(242, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 247,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 246.4170, 4.2314, -3.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 247, 255) }
```

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

```
.background{ background-color: rgb(242,  
247, 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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