

Converting Colors

YUV(249.1460, 1.9000, -2.7590)

Have a look what the booklet for
YUV(249.1460, 1.9000, -2.7590)
contains.

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Color

**YUV(249.1460, 1.9000,
-2.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FAFD
RGB	246, 250, 253
RGB Percent	96%, 98%, 99%
CMY	0.0353, 0.0196, 0.0078
CMYK	0.03, 0.01, 0.00, 0.01
HSL	206°, 64%, 98%
HSV	206°, 3%, 99%
XYZ	89.9213, 95.0559, 106.5368
YIQ	249.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

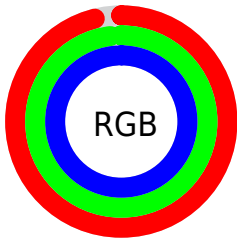
Format	Color
R_{YB}	246, 249, 253
Decimal	16186109
CIE _{Lab}	98.06, -0.77, -1.90
CIE _{LCh}	98, 2.056, 247.866
Yxy	95.0559, 0.3085, 0.3261
Android (android.graphics.Color)	4294376189 (0xFF6FAFD)
YUV	249.1460, 1.9000, -2.7590
Hunter-Lab	97.4966, -5.9883, 3.4601

Details

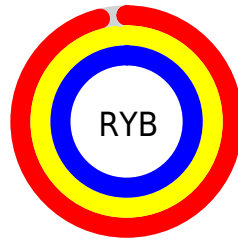
The YUV color 249.1460, 1.9000, -2.7590 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.8540, -1.9000, 2.7590, and the grayscale version is 249.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.0320, 1.4632, -2.6591 is the 20% darker color. If you saturate the color by 10%, you get 235.2140, 8.7685, -12.4657, and if you desaturate by 10%, it is 254.7720, -0.8736, 0.2000.

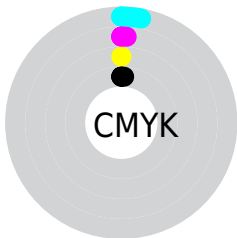
Distribution



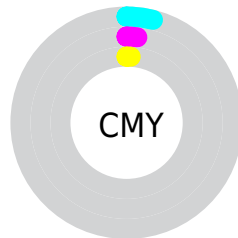
- Red (96%)
- Green (98%)
- Blue (99%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





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

Brightness & Saturation Gradients

These gradients show how the YUV color 249.1460, 1.9000, -2.7590 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 249.1460, 1.9000, -2.7590 by changing the saturation by 10% instead.

 249.1460, 1.9000,
-2.7590


 249.1460, 1.9000,
-2.7590


255.0000, 0.0000,
0.0000


 220.4450, 1.7526,
-2.1443

 193.0320, 1.4632,
-2.6591

 165.4450, 1.7526,
-2.1443

 139.1460, 1.9000,
-2.7590

 114.0320, 1.4632,
-2.6591

 89.4450, 1.7526,
-2.1443

 66.0320, 1.4632,

-2.6591

■ 44.3310, 1.3158,
-2.0443

■ 23.3310, 1.3158,
-2.0443

■ 249.1460, 1.9000,
-2.7590

■ 249.1460, 1.9000,
-2.7590

■ 235.2140, 8.7685,
-12.4657

254.7720, -0.8736,
0.2000

■ 220.9830, 15.7844,
-22.7871

■ 207.0510, 22.6529,
-32.4937

■ 193.7060, 29.2319,
-42.7152

■ 179.4750, 36.2478,
-53.0366

■ 165.5430, 43.1163,
-62.7432

■ 151.6110, 49.9848,
-72.4498

■ 137.6790, 56.8533,
-82.1565

■ 123.4480, 63.8691,
-92.4779

Harmonies

Analogous

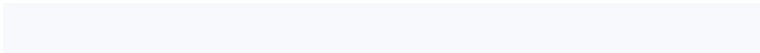
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.7330, 1.6106, -3.2738



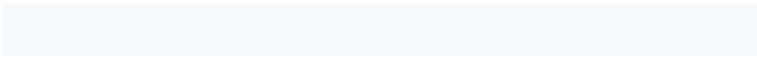
249.1460, 1.9000, -2.7590



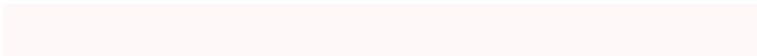
249.1570, 1.8946, -1.0147

Triad

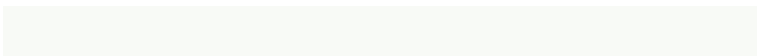
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.1460, 1.9000, -2.7590



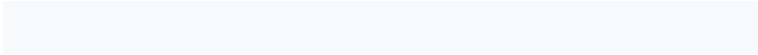
249.9080, -0.4476, 3.5887



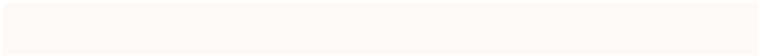
248.9460, -1.4524, -0.8296

Complementary

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



249.1460, 1.9000, -2.7590



249.8540, -1.9000, 2.7590

Split Complementary

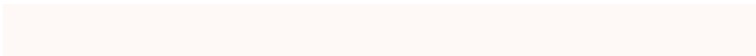
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.1420, -2.0420, 1.6295



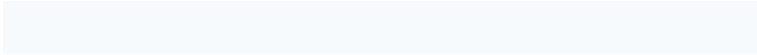
249.1460, 1.9000, -2.7590



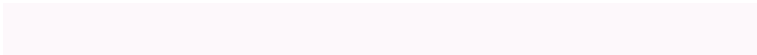
249.6800, -1.3212, 3.7886

Square

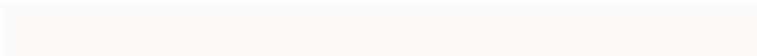
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249.1460, 1.9000, -2.7590



249.8370, 0.5734, 2.7740



249.8540, -1.9000, 2.7590



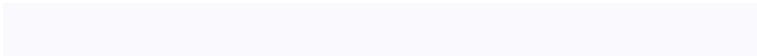
248.5760, -0.2840, -2.2592

Rectangle

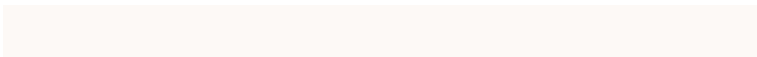
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249.1460, 1.9000, -2.7590



249.7550, 1.5998, 0.2149



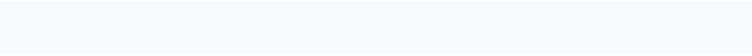
249.8540, -1.9000, 2.7590



249.2450, -1.5998, -0.2149

Sweetspot

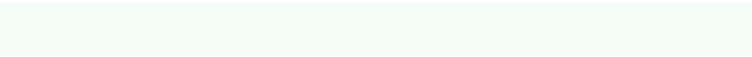
The Sweet Spot groups the original color and five complimentary colors.



249.1460, 1.9000, -2.7590



253.5160, 0.7316, -1.3295



250.4510, -0.7153, -3.9035



126.8150, 0.5842, -0.7148



0.0000, 0.0000, 0.0000



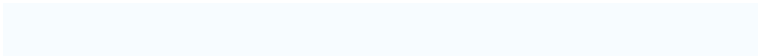
128.0000, 0.0000, 0.0000

Same Dimension

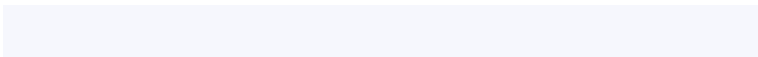
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.1460, 1.9000, -2.7590



250.8470, 2.0474, -3.3738



247.3850, 2.7682, -1.2146



124.4450, 1.7526, -2.1443



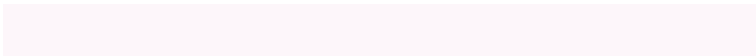
85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Inverse Universe

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



248.5490, 0.7153, 3.9035



249.9620, 1.0047, 4.4183



251.6150, -2.7682, 1.2146



124.1360, 0.4260, 3.3887



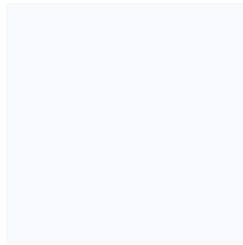
69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 249.1460, 1.9000, -2.7590 looks on a white background.

Color Contrast Check

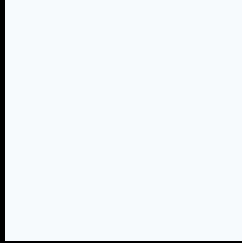
Large Text (above 18pt) WCAG AA × Fail

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 249.1460, 1.9000, -2.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

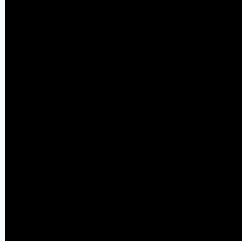
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

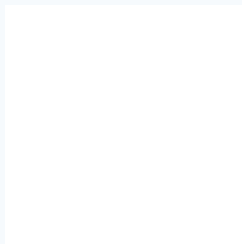
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.1460, 1.9000, -2.7590

Background



This preview shows how black text looks on a background with the YUV color 249.1460, 1.9000, -2.7590.



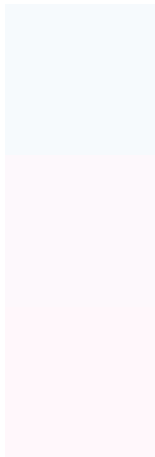
This preview shows how white text looks on a background with the YUV color 249.1460, 1.9000, -2.7590.

-2.790,

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

249.1460, 1.9000, -2.7590

Protanopia

249.9510, 1.0102, 2.6740

Deuteranopia

249.8480, 0.5679, 4.5183

Tritanopia

249.6840, 2.6208, -0.5999

Trichromacy



Original Color

249.1460, 1.9000, -2.7590

Protanomaly

249.6410, 1.1630, 0.3148

Deuteranomaly

249.6520, 1.1576, 2.0592

Tritanomaly

249.2710, 2.3314, -1.1147

Monochromacy



Original Color

249.1460, 1.9000, -2.7590

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

248.8150, 0.5842, -0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.1460, 1.9000, -2.7590 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, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 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(246, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 253) }
```

Border

The CSS property to change the border of an element to YUV 249.1460, 1.9000, -2.7590 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, 250, 253) }
```


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

```
.border{ border-color:rgb(246, 250, 253) }
```

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

Here you see how a box with a 4 pixel rgb(246, 250, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 249.1460, 1.9000, -2.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 253) }
```

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

```
.background{ background-color: rgb(246,  
250, 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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