

Converting Colors

YUV(239.0680, 6.8685, -9.7066)

Have a look what the booklet for
YUV(239.0680, 6.8685, -9.7066)
contains.

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Color

**YUV(239.0680, 6.8685,
-9.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F2FD
RGB	228, 242, 253
RGB Percent	89%, 95%, 99%
CMY	0.1059, 0.0510, 0.0078
CMYK	0.10, 0.04, 0.00, 0.01
HSL	206°, 86%, 94%
HSV	206°, 10%, 99%
XYZ	81.4767, 87.0901, 105.4443
YIQ	239.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

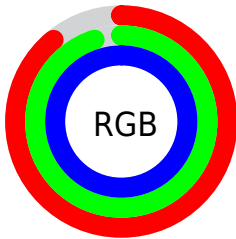
Format	Color
R _Y B	228, 237, 253
Decimal	15004413
CIE Lab	94.78, -2.51, -6.88
CIE LCh	95, 7.323, 249.933
Yxy	87.0901, 0.2973, 0.3178
Android (android.graphics.Color)	4293194493 (0xFFE4F2FD)
YUV	239.0680, 6.8685, -9.7066
Hunter-Lab	93.3221, -7.4707, -1.6661

Details

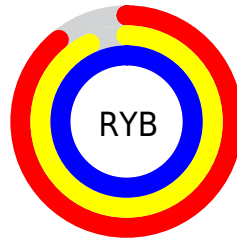
The YUV color `239.0680, 6.8685, -9.7066` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `241.9320, -6.8685, 9.7066`, and the grayscale version is `239.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `182.9540, 6.4317, -9.6067` is the 20% darker color. If you saturate the color by 10%, you get `225.1360, 13.7370, -19.4133`, and if you desaturate by 10%, it is `253.0000, 0.0000, 0.0000`.

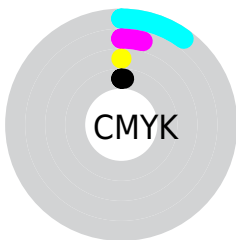
Distribution



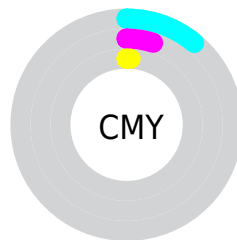
- Red (89%)
- Green (95%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.0680, 6.8685, -9.7066 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 239.0680, 6.8685, -9.7066 by changing the saturation by 10% instead.

■ 239.0680, 6.8685,
-9.7066

■ 239.0680, 6.8685,
-9.7066

255.0000, 0.0000,
0.0000

■ 210.9540, 6.4317,
-9.6067

■ 182.9540, 6.4317,
-9.6067

■ 156.2530, 6.2843,
-8.9919

■ 130.2530, 6.2843,
-8.9919

■ 105.1390, 5.8475,
-8.8919

■ 80.5520, 6.1369,
-8.3771

■ 57.7370, 5.5527,

-7.6623

■ 36.3240, 5.2633,
-8.1771

■ 14.4270, 5.7055,
-10.0215

■ 239.0680, 6.8685,
-9.7066

■ 239.0680, 6.8685,
-9.7066

■ 225.1360, 13.7370,
-19.4133

■ 253.0000, 0.0000,
0.0000

■ 210.9050, 20.7528,
-29.7347

254.7720, -0.8736,
0.2000

■ 196.9730, 27.6213,
-39.4413

■ 182.4540, 34.7792,
-48.6332

■ 168.5220, 41.6477,
-58.3398

■ 154.2910, 48.6635,
-68.6612

■ 140.3590, 55.5320,
-78.3678

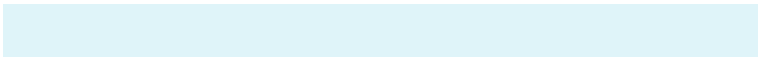
■ 126.4270, 62.4005,
-88.0745

■ 112.1960, 69.4164,
-98.3959

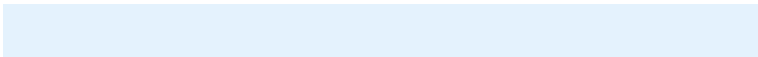
Harmonies

Analogous

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



238.2910, 5.2795, -13.4102



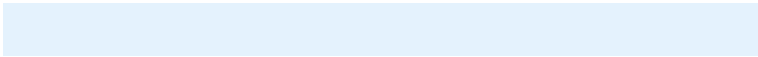
239.0680, 6.8685, -9.7066



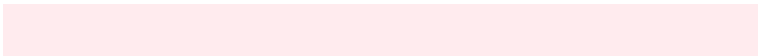
240.4000, 6.7048, -3.8588

Triad

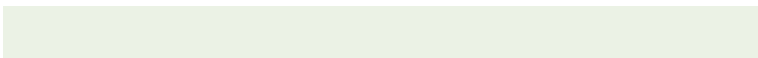
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.0680, 6.8685, -9.7066



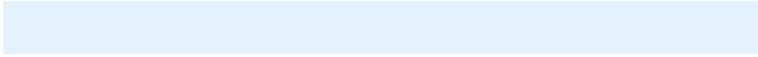
241.3220, -1.6377, 11.9956



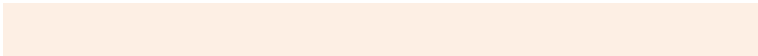
238.4250, -4.6465, -3.0037

Complementary

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



239.0680, 6.8685, -9.7066



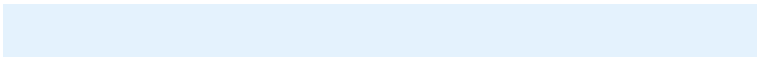
241.9320, -6.8685, 9.7066

Split Complementary

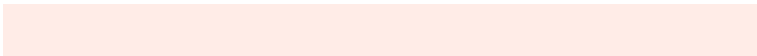
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.6000, -6.7048, 3.8588



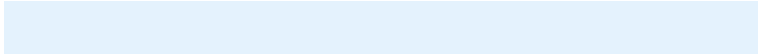
239.0680, 6.8685, -9.7066



241.1110, -4.9847, 12.1807

Square

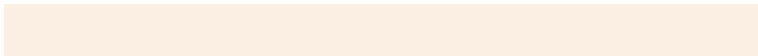
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.0680, 6.8685, -9.7066



241.8100, 1.5727, 8.9366



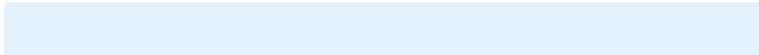
240.6330, -6.7211, 9.0919



238.1900, -1.5727, -8.9366

Rectangle

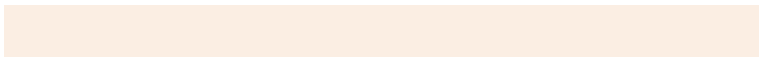
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.0680, 6.8685, -9.7066



240.7920, 5.5255, 1.0594



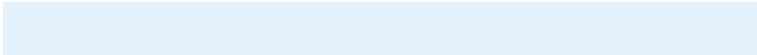
240.6330, -6.7211, 9.0919



239.2080, -5.5255, -1.0594

Sweetspot

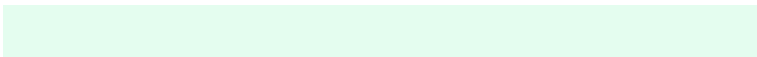
The Sweet Spot groups the original color and five complimentary colors.



239.0680, 6.8685, -9.7066



250.8470, 2.0474, -3.3738



243.9290, -2.4300, -13.9697



124.4450, 1.7526, -2.1443



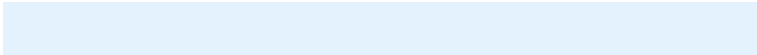
0.0000, 0.0000, 0.0000



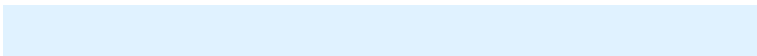
128.0000, 0.0000, 0.0000

Same Dimension

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



239.0680, 6.8685, -9.7066



238.1000, 8.3317, -12.3657



232.0240, 10.3412, -3.5290



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Inverse Universe

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



237.0710, 2.4300, 13.9697



235.3210, 3.2927, 17.2585



248.9760, -10.3412, 3.5290



119.6850, 1.1413, 7.2923



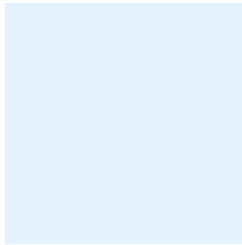
69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 239.0680, 6.8685, -9.7066 looks on a white background.

Color Contrast Check

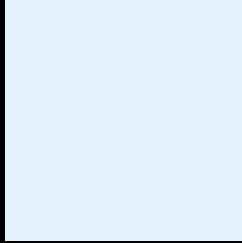
Large Text (above 18pt) WCAG AA × Fail

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 239.0680, 6.8685, -9.7066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

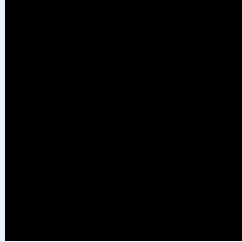
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

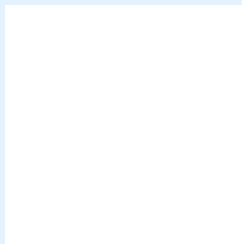
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 239.0680, 6.8685, -9.7066

Background



This preview shows how black text looks on a background with the YUV color 239.0680, 6.8685, -9.7066.



This preview shows how white text looks on a background with the YUV color 239.0680, 6.8685, -9.7066.

-9.7066.

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

239.0680, 6.8685, -9.7066

Protanopia

240.3790, 5.2362, 0.5446

Deuteranopia

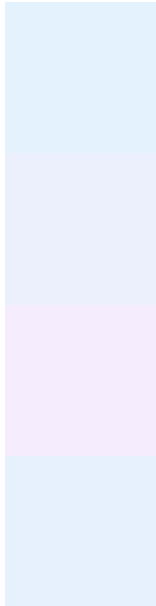
241.9720, 5.9298, 11.4256



Tritanopia

239.9050, 7.4418, -6.9327

Trichromacy



Original Color

239.0680, 6.8685, -9.7066

Protanomaly

239.5850, 6.1206, -3.1440

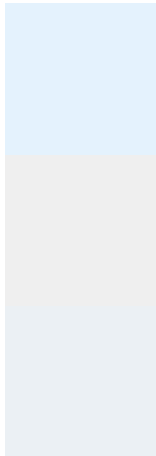
Deuteranomaly

240.7430, 6.5357, 3.7334

Tritanomaly

239.4920, 7.1524, -7.4475

Monochromacy



Original Color

239.0680, 6.8685, -9.7066

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.0680, 6.8685, -9.7066 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(228, 242, 253)` looks like.

```
.text, #text, p{  
    color:rgb(228, 242, 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(228, 242, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 242, 253) }
```

Border

The CSS property to change the border of an element to YUV 239.0680, 6.8685, -9.7066 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(228, 242, 253) }
```


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

```
.border{ border-color:rgb(228, 242, 253) }
```

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

Here you see how a box with a 4 pixel rgb(228, 242, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 242, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 242, 253);  
box-shadow:4px 4px 4px 4px rgb(228, 242,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 239.0680, 6.8685, -9.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 242, 253) }
```

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

```
.background{ background-color: rgb(228,  
242, 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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