

Converting Colors

YUV(233.9480, 8.8996, -7.8474)

Have a look what the booklet for
YUV(233.9480, 8.8996, -7.8474)
contains.

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Color

**YUV(233.9480, 8.8996,
-7.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EBFC
RGB	225, 235, 252
RGB Percent	88%, 92%, 99%
CMY	0.1176, 0.0784, 0.0118
CMYK	0.11, 0.07, 0.00, 0.01
HSL	218°, 82%, 94%
HSV	218°, 11%, 99%
XYZ	78.3304, 82.4525, 103.8819
YIQ	233.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

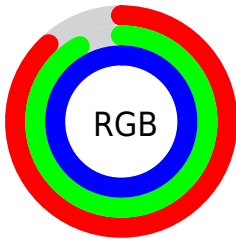
Format	Color
R_{YB}	225, 232, 252
Decimal	14806012
CIE _{Lab}	92.77, -0.08, -9.35
CIE _{LCh}	93, 9.348, 269.532
Y _{xy}	82.4525, 0.2960, 0.3115
Android (android.graphics.Color)	4292996092 (0xFFE1EBFC)
YUV	233.9480, 8.8996, -7.8474
Hunter-Lab	90.8034, -4.9251, -4.2673

Details

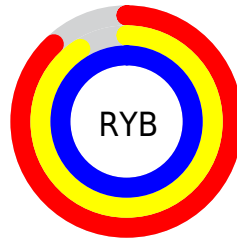
The YUV color $233.9480, 8.8996, -7.8474$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.0520, -8.8996, 7.8474$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.1330, 8.3154, -7.1326$ is the 20% darker color. If you saturate the color by 10%, you get $217.0810, 17.2151, -14.9800$, and if you desaturate by 10%, it is $250.8150, 0.5842, -0.7148$.

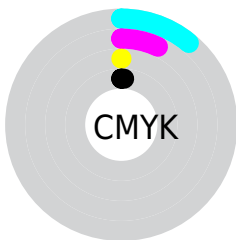
Distribution



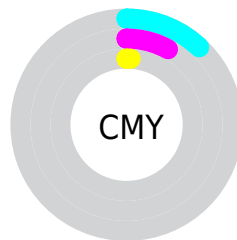
- Red (88%)
- Green (92%)
- Blue (99%)



- Red (88%)
- Yellow (91%)
- Blue (99%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9480, 8.8996, -7.8474 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 233.9480, 8.8996, -7.8474 by changing the saturation by 10% instead.

■ 233.9480, 8.8996,
-7.8474

■ 233.9480, 8.8996,
-7.8474

255.0000, 0.0000,
0.0000

■ 205.8340, 8.4628,
-7.7474

■ 178.1330, 8.3154,
-7.1326

■ 151.7200, 8.0260,
-7.6474

■ 125.7200, 8.0260,
-7.6474

■ 100.9050, 7.4418,
-6.9327

■ 76.9050, 7.4418,
-6.9327

■ 53.7910, 7.0050,

-6.8327

■ 32.6770, 6.5682,
-6.7327

■ 9.3070, 7.7366,
-8.1622

■ 233.9480, 8.8996,
-7.8474

■ 233.9480, 8.8996,
-7.8474

■ 217.0810, 17.2151,
-14.9800

■ 250.8150, 0.5842,
-0.7148

■ 200.2140, 25.5305,
-22.1127

■ 254.6580, -1.3104,
0.2999

■ 183.0480, 33.9933,
-29.8601

■ 166.7680, 42.0194,
-37.5075

■ 149.9010, 50.3348,
-44.6402

■ 133.0340, 58.6502,
-51.7728

■ 116.1670, 66.9657,
-58.9055

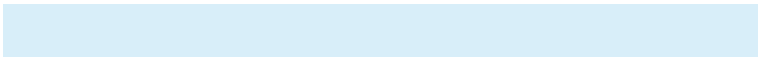
■ 99.0010, 75.4285,
-66.6529

■ 83.3190, 83.1597,
-73.0708

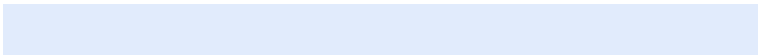
Harmonies

Analogous

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



232.6760, 8.0477, -14.6249



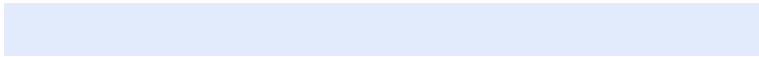
233.9480, 8.8996, -7.8474



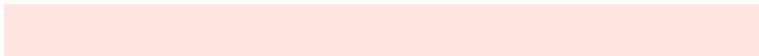
235.2480, 7.2727, 0.6595

Triad

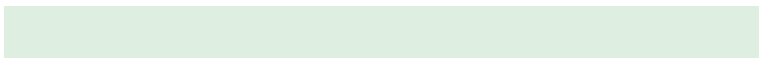
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.9480, 8.8996, -7.8474



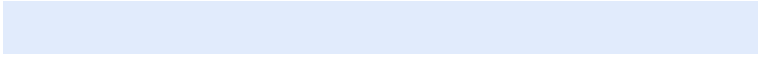
236.1330, -4.9956, 15.6694



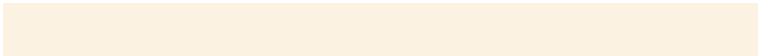
232.3210, -3.6093, -9.0515

Complementary

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



233.9480, 8.8996, -7.8474



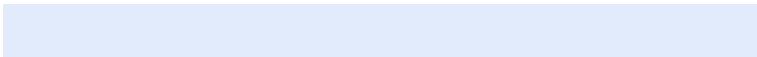
243.0520, -8.8996, 7.8474

Split Complementary

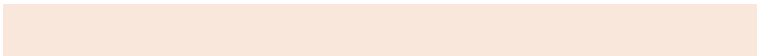
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.8660, -6.8359, -0.7595



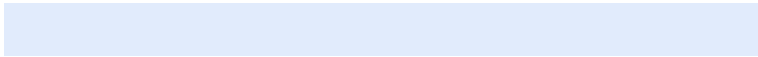
233.9480, 8.8996, -7.8474



235.3130, -8.0423, 12.8805

Square

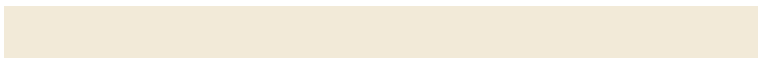
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.9480, 8.8996, -7.8474



236.2730, -0.6276, 14.6696



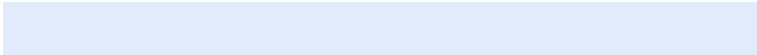
234.3400, -9.0416, 6.7178



231.8410, 1.0644, -14.7696

Rectangle

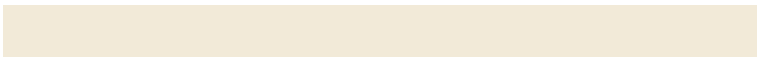
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



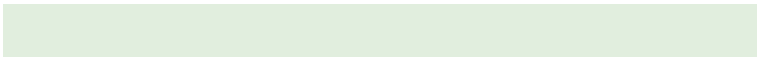
233.9480, 8.8996, -7.8474



235.7110, 5.0725, 6.3925



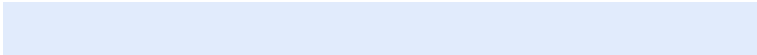
234.3400, -9.0416, 6.7178



232.2890, -5.0725, -6.3925

Sweetspot

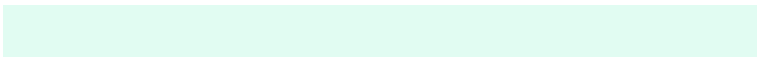
The Sweet Spot groups the original color and five complimentary colors.



233.9480, 8.8996, -7.8474



249.6730, 2.6262, -2.3442



242.7870, -0.3880, -15.5992



123.8580, 2.0420, -1.6295



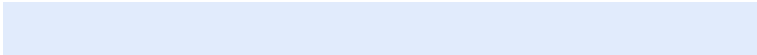
0.0000, 0.0000, 0.0000



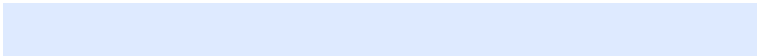
128.0000, 0.0000, 0.0000

Same Dimension

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



233.9480, 8.8996, -7.8474



232.8060, 10.9416, -9.4769



228.9750, 11.3513, -0.8551



116.4170, 4.2314, -3.8737



62.6360, 62.2975, -54.9318



20.4550, 19.9887, -17.9390

Inverse Universe

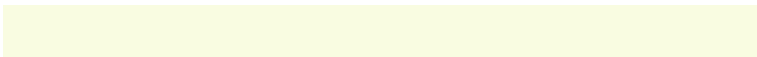
The Inverse Universe completely reimagines the original color for something new.



234.2130, 0.3880, 15.5992



233.2350, 0.3771, 19.0879



248.0250, -11.3513, 0.8551



116.4570, 0.2677, 7.4922



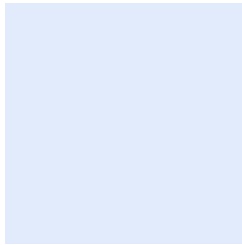
64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 233.9480, 8.8996, -7.8474 looks on a white background.

Color Contrast Check

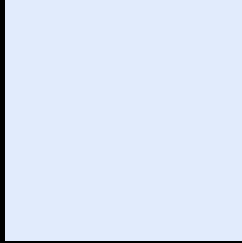
Large Text (above 18pt) WCAG AA × Fail

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 233.9480, 8.8996, -7.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

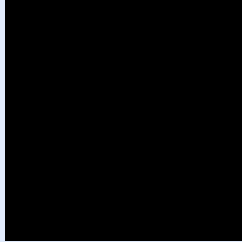
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

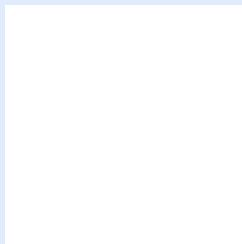
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.9480, 8.8996, -7.8474

Background



This preview shows how black text looks on a background with the YUV color 233.9480, 8.8996, -7.8474.



This preview shows how white text looks on a background with the YUV color 233.9480, 8.8996, -7.8474.

-7.8474.

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

233.9480, 8.8996, -7.8474

Protanopia

235.0520, 7.8624, -1.7996

Deuteranopia

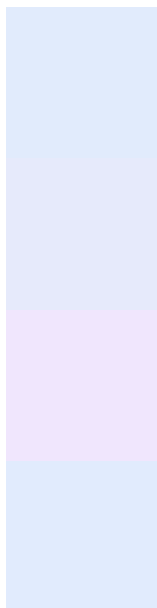
236.3570, 8.6980, 10.2109



Tritanopia

234.0620, 9.3364, -7.9474

Trichromacy



Original Color

233.9480, 8.8996, -7.8474

Protanomaly

234.7420, 8.0152, -4.1587

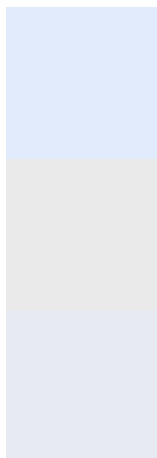
Deuteranomaly

235.6120, 8.5723, 3.8483

Tritanomaly

234.0620, 9.3364, -7.9474

Monochromacy



Original Color

233.9480, 8.8996, -7.8474

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9480, 8.8996, -7.8474 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(225, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 252)  
}
```

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(225, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 252) }
```

Border

The CSS property to change the border of an element to YUV 233.9480, 8.8996, -7.8474 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(225, 235, 252) }
```


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

```
.border{ border-color:rgb(225, 235, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 235, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 233.9480, 8.8996, -7.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 235, 252) }
```

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

```
.background{ background-color: rgb(225,  
235, 252) }
```

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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