

Converting Colors

YUV(240.0040, 3.9420, -4.3885)

Have a look what the booklet for
YUV(240.0040, 3.9420, -4.3885)
contains.

YUV(240.0040, 3.9420, -4.3885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(240.0040, 3.9420,
-4.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF1F8
RGB	235, 241, 248
RGB Percent	92%, 95%, 97%
CMY	0.0784, 0.0549, 0.0275
CMYK	0.05, 0.03, 0.00, 0.03
HSL	212°, 48%, 95%
HSV	212°, 5%, 97%
XYZ	82.6595, 87.3501, 101.3106
YIQ	240.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

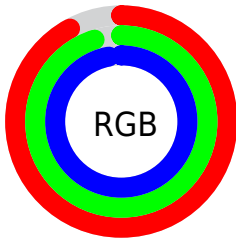
Format	Color
R _Y B	235, 239, 248
Decimal	15462904
CIE Lab	94.89, -0.70, -4.07
CIE LCh	95, 4.128, 260.240
Yxy	87.3501, 0.3047, 0.3219
Android (android.graphics.Color)	4293652984 (0xFFEBF1F8)
YUV	240.0040, 3.9420, -4.3885
Hunter-Lab	93.4613, -5.6873, 1.1534

Details

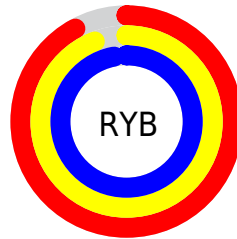
The YUV color `240.0040, 3.9420, -4.3885` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242.9960, -3.9420, 4.3885`, and the grayscale version is `240.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.0040, 3.9420, -4.3885` is the 20% darker color. If you saturate the color by 10%, you get `224.8980, 11.3893, -13.0655`, and if you desaturate by 10%, it is `253.6150, -2.7682, 1.2146`.

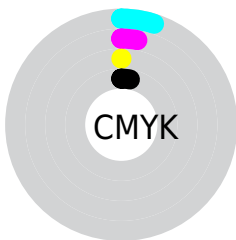
Distribution



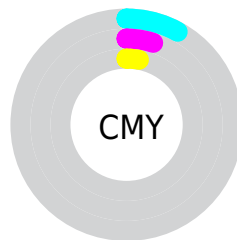
- Red (92%)
- Green (95%)
- Blue (97%)



- Red (92%)
- Yellow (94%)
- Blue (97%)



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



- Cyan (8%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.0040, 3.9420, -4.3885 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 240.0040, 3.9420, -4.3885 by changing the saturation by 10% instead.

■ 240.0040, 3.9420,
-4.3885

■ 240.0040, 3.9420,
-4.3885

255.0000, 0.0000,
0.0000

■ 211.8900, 3.5052,
-4.2885

■ 184.0040, 3.9420,
-4.3885

■ 157.0040, 3.9420,
-4.3885

■ 131.1890, 3.3578,
-3.6738

■ 106.1890, 3.3578,
-3.6738

■ 82.0750, 2.9210,
-3.5738

■ 59.0750, 2.9210,

-3.5738

■ 37.0750, 2.9210,
-3.5738

■ 15.8900, 3.5052,
-4.2885

■ 240.0040, 3.9420,
-4.3885

■ 240.0040, 3.9420,
-4.3885

■ 224.8980, 11.3893,
-13.0655

■ 253.6150, -2.7682,
1.2146

■ 209.2050, 19.1259,
-21.2278

■ 254.2020, -3.0576,
0.6998

■ 194.3980, 26.4258,
-29.2900

■ 179.2920, 33.8730,
-37.9671

■ 163.5990, 41.6097,
-46.1293

■ 148.4930, 49.0570,
-54.8064

■ 133.3870, 56.5042,
-63.4834

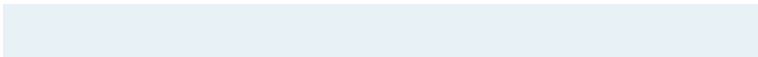
■ 117.9930, 64.0935,
-71.0309

■ 102.8870, 71.5407,
-79.7079

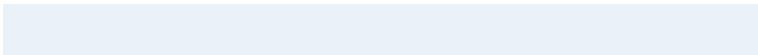
Harmonies

Analogous

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



239.4660, 3.2213, -6.5477



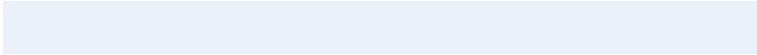
240.0040, 3.9420, -4.3885



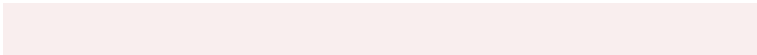
240.9120, 3.4944, -0.7998

Triad

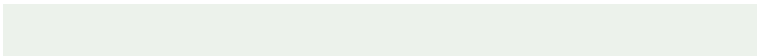
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.0040, 3.9420, -4.3885



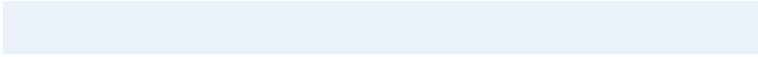
241.2890, -1.6215, 6.7625



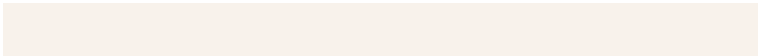
239.4080, -2.1731, -2.9888

Complementary

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



240.0040, 3.9420, -4.3885



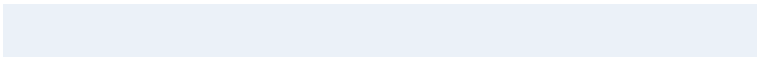
242.9960, -3.9420, 4.3885

Split Complementary

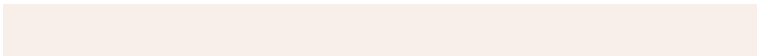
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.0880, -3.4944, 0.7998



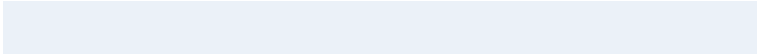
240.0040, 3.9420, -4.3885



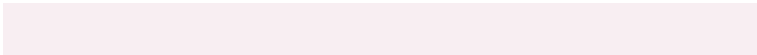
240.5340, -3.2213, 6.5477

Square

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



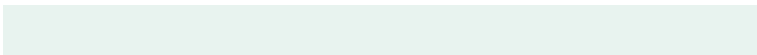
240.0040, 3.9420, -4.3885



241.4460, 0.2731, 5.7479



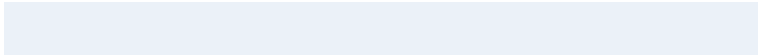
240.5830, -4.2314, 3.8737



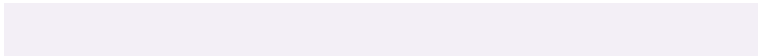
239.2550, -0.1257, -6.3626

Rectangle

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



240.0040, 3.9420, -4.3885



240.9940, 2.4680, 1.7593



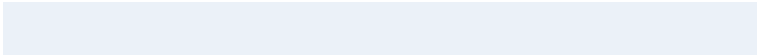
240.5830, -4.2314, 3.8737



239.8920, -2.9048, -1.6593

Sweetspot

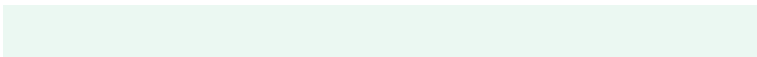
The Sweet Spot groups the original color and five complimentary colors.



240.0040, 3.9420, -4.3885



251.7440, 1.6052, -1.5295



243.4290, -0.7045, -7.3922



125.9290, 1.0210, -0.8147



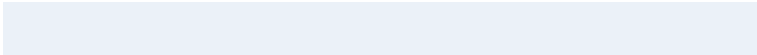
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



240.0040, 3.9420, -4.3885



245.8190, 4.5262, -5.1033



236.4820, 5.6784, -1.2997



119.3740, 2.7736, -2.9590



72.6150, 57.3778, -63.6834



23.3900, 18.5417, -20.5130

Inverse Universe

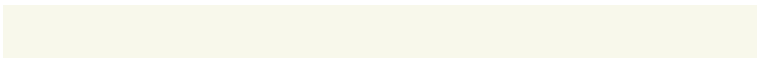
The Inverse Universe completely reimagines the original color for something new.



239.5710, 0.7045, 7.3922



245.2830, 0.8465, 8.5218



246.5180, -5.6784, 1.2997



119.1470, 0.4205, 5.1331



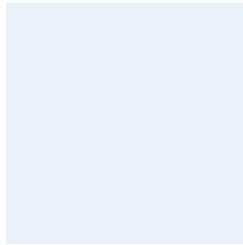
66.4290, 10.1415, 107.4948



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 240.0040, 3.9420, -4.3885 looks on a white background.

Color Contrast Check

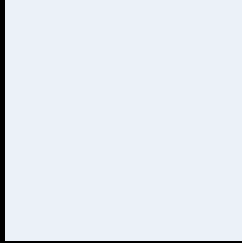
Large Text (above 18pt) WCAG AA × Fail

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 240.0040, 3.9420, -4.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

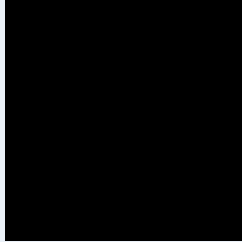
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

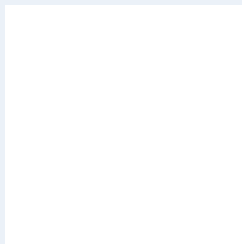
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.0040, 3.9420, -4.3885

Background



This preview shows how black text looks on a background with the YUV color 240.0040, 3.9420, -4.3885.



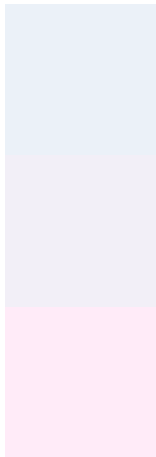
This preview shows how white text looks on a background with the YUV color 240.0040, 3.9420,

-4.3885.

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

240.0040, 3.9420, -4.3885

Protanopia

240.8090, 3.0522, 1.0445

Deuteranopia

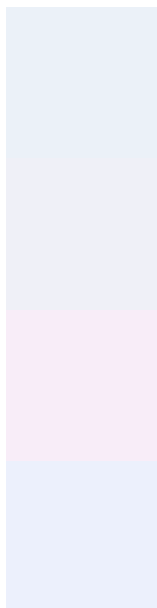
242.4620, 2.7302, 10.9958



Tritanopia

240.8130, 6.9942, -3.3440

Trichromacy



Original Color

240.0040, 3.9420, -4.3885

Protanomaly

240.4990, 3.2050, -1.3146

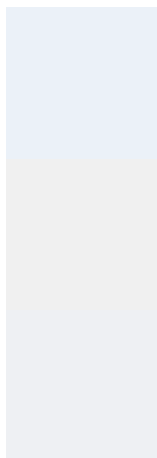
Deuteranomaly

241.5430, 3.1833, 5.6628

Tritanomaly

240.1720, 5.8312, -3.6588

Monochromacy



Original Color

240.0040, 3.9420, -4.3885

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.0040, 3.9420, -4.3885 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(235, 241, 248)` looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 248)  
}
```

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(235, 241, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 248) }
```

Border

The CSS property to change the border of an element to YUV 240.0040, 3.9420, -4.3885 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(235, 241, 248) }
```


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

```
.border{ border-color:rgb(235, 241, 248) }
```

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

Here you see how a box with a 4 pixel rgb(235, 241, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 240.0040, 3.9420, -4.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 248) }
```

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

```
.background{ background-color: rgb(235,  
241, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor