

Converting Colors

YUV(234.4640, 2.7292,
-35.4869)

Have a look what the booklet for
YUV(234.4640, 2.7292, -35.4869)
contains.

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Color

**YUV(234.4640, 2.7292,
-35.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FEF0
RGB	194, 254, 240
RGB Percent	76%, 100%, 94%
CMY	0.2392, 0.0039, 0.0588
CMYK	0.24, 0.00, 0.06, 0.00
HSL	166°, 97%, 88%
HSV	166°, 24%, 100%
XYZ	73.4181, 88.6442, 95.6786
YIQ	234.4640, -31.2660, -17.0740

Conversions

Conversions Part 2

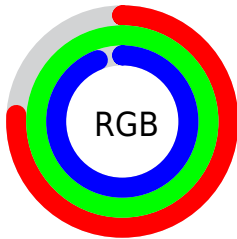
Format	Color
RYB	194, 228, 254
Decimal	12779248
CIELab	95.43, -21.54, 0.56
CIELCh	95, 21.549, 178.514
Yxy	88.6442, 0.2849, 0.3439
Android (android.graphics.Color)	4290969328 (0xFFC2FEF0)
YUV	234.4640, 2.7292, -35.4869
Hunter-Lab	94.1511, -25.5717, 5.6538

Details

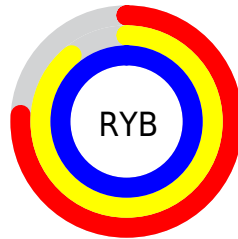
The YUV color $234.4640, 2.7292, -35.4869$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.5360, -2.7292, 35.4869$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $178.1760, 2.8712, -34.3574$ is the 20% darker color. If you saturate the color by 10%, you get $226.3050, 3.7936, -50.2565$, and if you desaturate by 10%, it is $242.6230, 1.6649, -20.7174$.

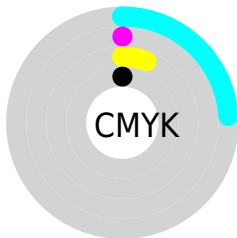
Distribution



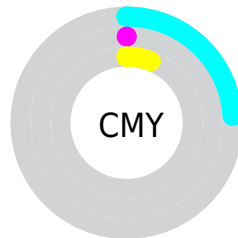
- Red (76%)
- Green (100%)
- Blue (94%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.4640, 2.7292, -35.4869 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 234.4640, 2.7292, -35.4869 by changing the saturation by 10% instead.

 234.4640, 2.7292,
-35.4869

 234.4640, 2.7292,
-35.4869


255.0000, 0.0000,
0.0000


 205.8770, 3.0186,
-34.9721


 253.8040, 0.5896,
-2.4591

 178.1760, 2.8712,
-34.3574

 151.4750, 2.7238,
-33.7426

 124.8880, 3.0132,
-33.2278

 99.0020, 3.4500,
-33.3278

 74.4040, 3.7448,
-34.5573

 48.4250, 5.2135,

-38.9607

■ 31.2200, 2.8495,
-27.3799

■ 17.6730, -0.8248,
-15.4992

■ 234.4640, 2.7292,
-35.4869

■ 234.4640, 2.7292,
-35.4869

■ 226.3050, 3.7936,
-50.2565

■ 242.6230, 1.6649,
-20.7174

■ 217.8470, 5.0054,
-65.6408

■ 251.0810, 0.4531,
-5.3330

■ 209.6880, 6.0698,
-80.4104

■ 254.4130, 0.2894,
0.5148

■ 201.2300, 7.2816,
-95.7947

■ 193.0710, 8.3460,
-110.5643

■ 184.9120, 9.4104,
-125.3338

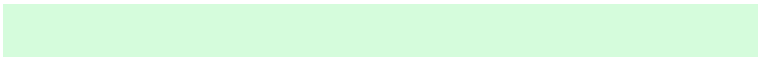
■ 176.5680, 11.0590,
-140.8181

■ 171.3280, 11.6703,
-150.2547

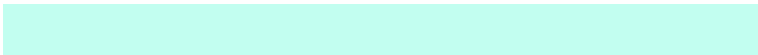
Harmonies

Analogous

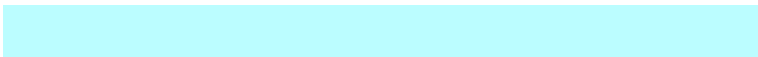
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6910, -8.2287, -20.7770



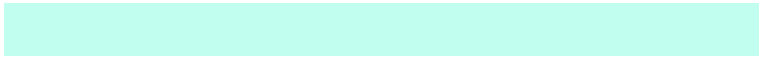
234.4640, 2.7292, -35.4869



233.4940, 10.6025, -40.7752

Triad

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



234.4640, 2.7292, -35.4869



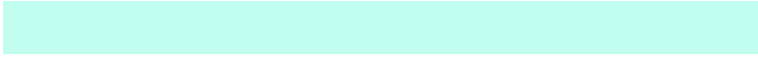
241.4440, 6.6831, 3.1186



236.6140, -14.5997, 16.1245

Complementary

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



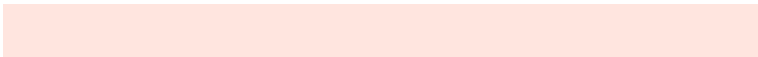
234.4640, 2.7292, -35.4869



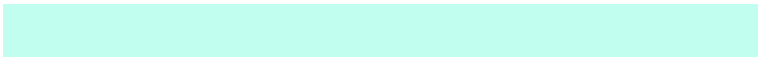
213.5360, -2.7292, 35.4869

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.



236.0900, -6.4534, 16.5841



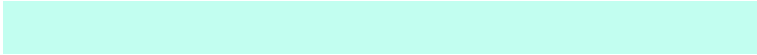
234.4640, 2.7292, -35.4869



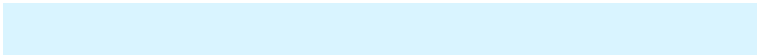
240.9120, 6.9454, 12.3552

Square

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



234.4640, 2.7292, -35.4869



237.1810, 8.7848, -17.6987



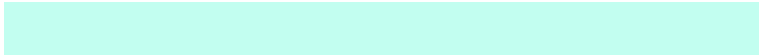
237.8970, 3.0088, 14.9993



239.9250, -19.6830, 13.2208

Rectangle

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



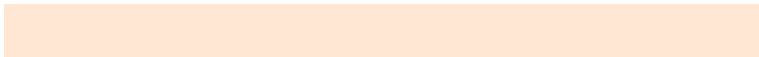
234.4640, 2.7292, -35.4869



233.5160, 10.5916, -37.2865



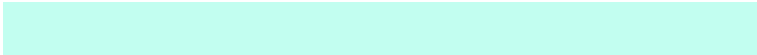
237.8970, 3.0088, 14.9993



235.8960, -12.2737, 16.7542

Sweetspot

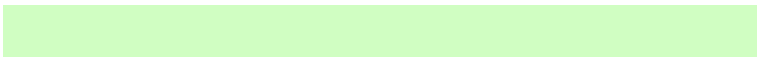
The Sweet Spot groups the original color and five complimentary colors.



234.4640, 2.7292, -35.4869



249.1620, 0.9061, -10.6661



233.4060, -19.4272, -22.2811



124.3690, 0.3111, -6.4626



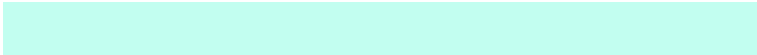
0.0000, 0.0000, 0.0000



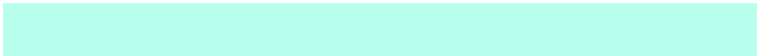
128.0000, 0.0000, 0.0000

Same Dimension

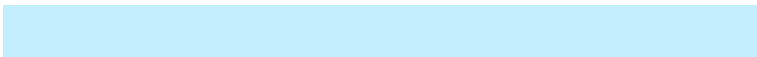
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.4640, 2.7292, -35.4869



231.8330, 3.0403, -41.9495



226.6680, 13.4747, -28.6498



123.7710, 0.6059, -7.6922



128.8750, 8.9356, -113.0234



43.1540, 2.8821, -37.8461

Inverse Universe

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



213.5360, -2.7292, 35.4869



207.0530, -3.4771, 42.0495



221.3320, -13.4747, 28.6498



119.2290, -0.6059, 7.6922



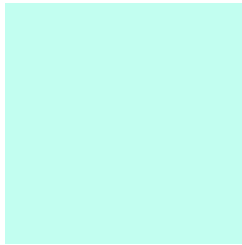
62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 234.4640, 2.7292, -35.4869 looks on a white background.

Color Contrast Check

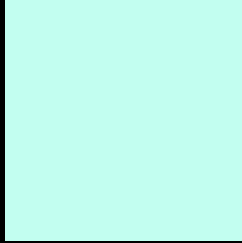
Large Text (above 18pt) WCAG AA × Fail

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 234.4640, 2.7292, -35.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

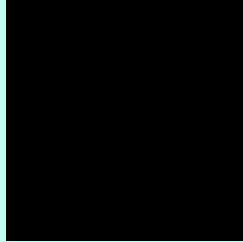
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

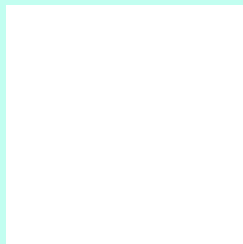
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.4640, 2.7292, -35.4869

Background



This preview shows how black text looks on a background with the YUV color 234.4640, 2.7292, -35.4869.



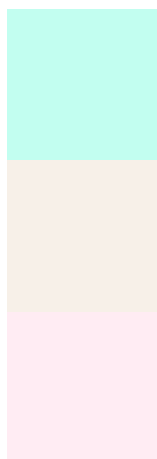
This preview shows how white text looks on a background with the YUV color 234.4640, 2.7292, -35.4869.

-35.4869.

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

234.4640, 2.7292, -35.4869

Protanopia

241.1810, -4.5262, 5.1033

Deuteranopia

242.4790, 0.2569, 10.9809



Tritanopia

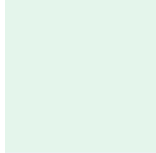
239.5620, 7.6109, -14.5249

Trichromacy



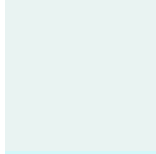
Original Color

234.4640, 2.7292, -35.4869



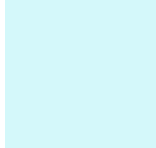
Protanomaly

238.7770, -1.8621, -9.4514



Deuteranomaly

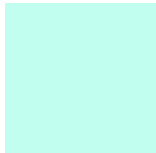
239.8960, 1.0373, -6.0478



Tritanomaly

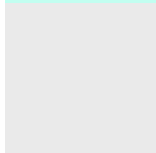
237.4640, 6.1802, -22.3319

Monochromacy



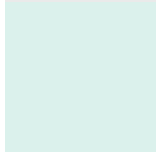
Original Color

234.4640, 2.7292, -35.4869



Achromatopsia

234.0000, 0.0000, 0.0000



Achromatomaly

233.8520, 1.0590, -13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.4640, 2.7292, -35.4869 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(194, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 254, 240)  
}
```

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(194, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 254, 240) }
```

Border

The CSS property to change the border of an element to YUV 234.4640, 2.7292, -35.4869 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(194, 254, 240) }
```


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

```
.border{ border-color:rgb(194, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(194, 254,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 234.4640, 2.7292, -35.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 254, 240) }
```

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

```
.background{ background-color: rgb(194,  
254, 240) }
```

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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