

Converting Colors

YUV(228.9440, 4.9576, -3.4589)

Have a look what the booklet for
YUV(228.9440, 4.9576, -3.4589)
contains.

YUV(228.9440, 4.9576, -3.4589)	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(228.9440, 4.9576,
-3.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E5EF
RGB	225, 229, 239
RGB Percent	88%, 90%, 94%
CMY	0.1176, 0.1020, 0.0627
CMYK	0.06, 0.04, 0.00, 0.06
HSL	223°, 30%, 91%
HSV	223°, 6%, 94%
XYZ	74.6506, 78.2782, 92.8360
YIQ	228.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

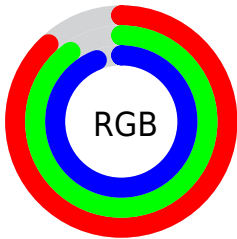
Format	Color
R _Y B	225, 228, 239
Decimal	14804463
CIE Lab	90.91, 0.51, -5.33
CIE LCh	91, 5.351, 275.519
Yxy	78.2782, 0.3037, 0.3185
Android (android.graphics.Color)	4292994543 (0xFFE1E5EF)
YUV	228.9440, 4.9576, -3.4589
Hunter-Lab	88.4750, -4.2220, -0.2800

Details

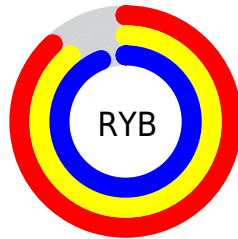
The YUV color $228.9440, 4.9576, -3.4589$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $235.0560, -4.9576, 3.4589$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.8300, 4.5208, -3.3589$ is the 20% darker color. If you saturate the color by 10%, you get $211.7890, 13.4150, -9.4620$, and if you desaturate by 10%, it is $246.0990, -3.4998, 2.5442$.

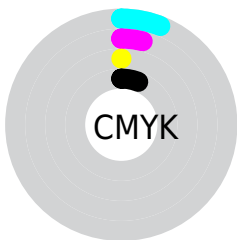
Distribution



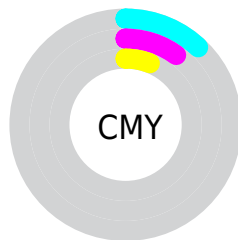
- Red (88%)
- Green (90%)
- Blue (94%)



- Red (88%)
- Yellow (89%)
- Blue (94%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (12%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.9440, 4.9576, -3.4589 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 228.9440, 4.9576, -3.4589 by changing the saturation by 10% instead.

■ 228.9440, 4.9576,
-3.4589

■ 228.9440, 4.9576,
-3.4589

255.0000, 0.0000,
0.0000

■ 200.9440, 4.9576,
-3.4589

■ 173.8300, 4.5208,
-3.3589

■ 146.8300, 4.5208,
-3.3589

■ 121.1290, 4.3734,
-2.7441

■ 96.7160, 4.0840,
-3.2589

■ 72.7160, 4.0840,
-3.2589

■ 50.0150, 3.9366,

-2.6442

■ 28.9010, 3.4998,
-2.5442

■ 3.4710, 5.6838,
-3.0441

■ 228.9440, 4.9576,
-3.4589

■ 228.9440, 4.9576,
-3.4589

■ 211.7890, 13.4150,
-9.4620

■ 246.0990, -3.4998,
2.5442

■ 194.6340, 21.8724,
-15.4650

■ 253.1760, -6.9888,
1.5996

■ 177.4790, 30.3299,
-21.4681

■ 160.3240, 38.7873,
-27.4711

■ 143.1690, 47.2447,
-33.4742

■ 126.3130, 55.5547,
-38.8625

■ 109.1580, 64.0121,
-44.8656

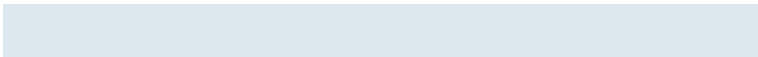
■ 91.4160, 72.7589,
-50.3538

■ 74.2610, 81.2163,
-56.3569

Harmonies

Analogous

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



228.5090, 4.6791, -7.4624



228.9440, 4.9576, -3.4589



229.3360, 3.7784, 1.4593

Triad

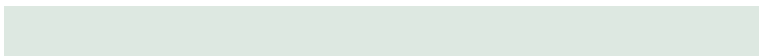
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9440, 4.9576, -3.4589



229.8440, -3.3741, 8.9068



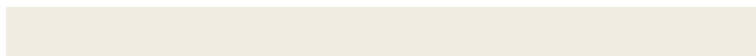
227.9130, -1.4361, -6.0627

Complementary

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



228.9440, 4.9576, -3.4589



235.0560, -4.9576, 3.4589

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.



227.7780, -3.3416, -1.5593



228.9440, 4.9576, -3.4589



229.1920, -4.5317, 6.8476

Square

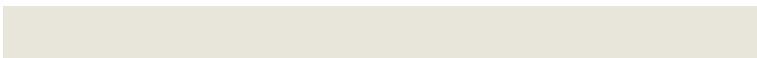
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.9440, 4.9576, -3.4589



230.4140, -1.1901, 8.4069



228.7570, -4.8102, 2.8441



227.2870, 1.3375, -9.0217

Rectangle

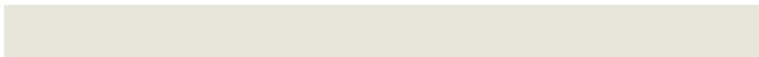
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.9440, 4.9576, -3.4589



229.7170, 2.6045, 4.6332



228.7570, -4.8102, 2.8441



227.6960, -2.3151, -4.1184

Sweetspot

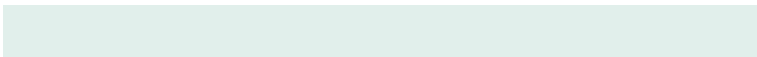
The Sweet Spot groups the original color and five complimentary colors.



228.9440, 4.9576, -3.4589



251.1570, 1.8946, -1.0147



234.3580, 0.3165, -8.2070



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.



228.9440, 4.9576, -3.4589



241.9870, 6.4154, -4.3736



227.4930, 5.6730, 0.4446



112.9010, 3.4998, -2.5442



51.5000, 65.3225, -45.1655



15.7760, 19.8304, -13.8356

Inverse Universe

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



229.6420, -0.3165, 8.2070



242.9520, -0.4693, 10.5661



236.5070, -5.6730, -0.4446



113.3320, -0.1637, 5.8478



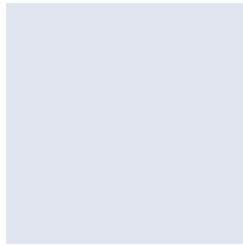
60.9440, -4.4094, 107.9201



18.5680, -1.2660, 32.8279

Previews

White Background



This preview shows how the YUV color 228.9440, 4.9576, -3.4589 looks on a white background.

Color Contrast Check

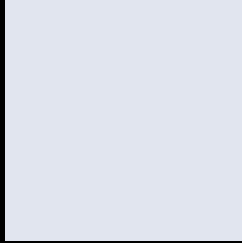
Large Text (above 18pt) WCAG AA × Fail

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 228.9440, 4.9576, -3.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

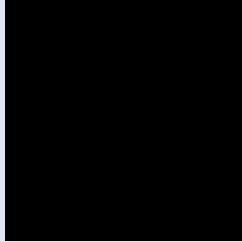
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

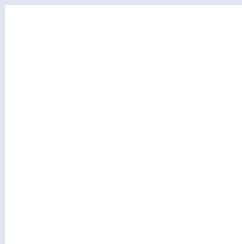
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.9440, 4.9576, -3.4589

Background



This preview shows how black text looks on a background with the YUV color 228.9440, 4.9576, -3.4589.



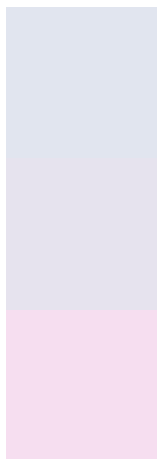
This preview shows how white text looks on a background with the YUV color 228.9440, 4.9576,

-3.4589.

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

228.9440, 4.9576, -3.4589

Protanopia

229.1510, 4.3626, 0.7446

Deuteranopia

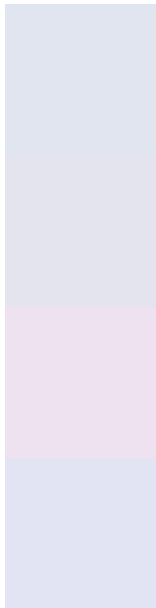
231.2280, 4.3246, 12.9550



Tritanopia

229.4540, 8.1572, -3.0292

Trichromacy



Original Color

228.9440, 4.9576, -3.4589

Protanomaly

229.1400, 4.3680, -0.9998

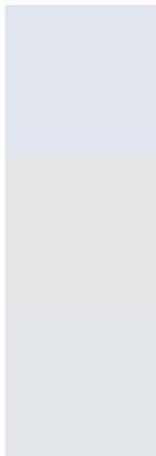
Deuteranomaly

230.5970, 4.6357, 6.4924

Tritanomaly

229.1120, 6.8468, -2.7292

Monochromacy



Original Color

228.9440, 4.9576, -3.4589

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9440, 4.9576, -3.4589 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, 229, 239)` looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 239)  
}
```

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, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 239) }
```

Border

The CSS property to change the border of an element to YUV 228.9440, 4.9576, -3.4589 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, 229, 239) }
```


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

```
.border{ border-color:rgb(225, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 229, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 229, 239);  
box-shadow:4px 4px 4px 4px rgb(225, 229,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 228.9440, 4.9576, -3.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 239) }
```

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

```
.background{ background-color: rgb(225,  
229, 239) }
```

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