

Converting Colors

YUV(237.9440, 4.9576, -3.4589)

Have a look what the booklet for
YUV(237.9440, 4.9576, -3.4589)
contains.

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Color

**YUV(237.9440, 4.9576,
-3.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEF8
RGB	234, 238, 248
RGB Percent	92%, 93%, 97%
CMY	0.0824, 0.0667, 0.0275
CMYK	0.06, 0.04, 0.00, 0.03
HSL	223°, 50%, 95%
HSV	223°, 6%, 97%
XYZ	81.4495, 85.4188, 101.0016
YIQ	237.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

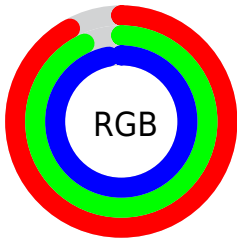
Format	Color
R_{YB}	234, 237, 248
Decimal	15396600
CIE _{Lab}	94.06, 0.51, -5.29
CIE _{LCh}	94, 5.313, 275.495
Y _{xy}	85.4188, 0.3041, 0.3189
Android (android.graphics.Color)	4293586680 (0xFFEAEFF8)
Y _{UV}	237.9440, 4.9576, -3.4589
Hunter-Lab	92.4223, -4.4314, -0.0981

Details

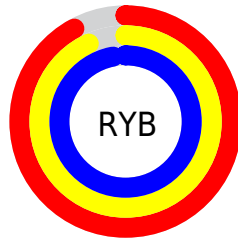
The YUV color $237.9440, 4.9576, -3.4589$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.0560, -4.9576, 3.4589$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.9440, 4.9576, -3.4589$ is the 20% darker color. If you saturate the color by 10%, you get $219.9030, 13.8518, -9.5619$, and if you desaturate by 10%, it is $254.2020, -3.0576, 0.6998$.

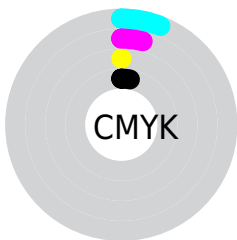
Distribution



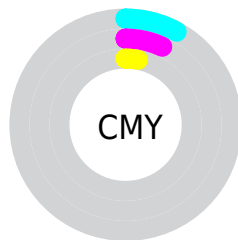
- Red (92%)
- Green (93%)
- Blue (97%)



- Red (92%)
- Yellow (93%)
- Blue (97%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.9440, 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 237.9440, 4.9576, -3.4589 by changing the saturation by 10% instead.

■ 237.9440, 4.9576,
-3.4589

■ 237.9440, 4.9576,
-3.4589

255.0000, 0.0000,
0.0000

■ 209.8300, 4.5208,
-3.3589

■ 181.9440, 4.9576,
-3.4589

■ 155.2430, 4.8102,
-2.8441

■ 129.1290, 4.3734,
-2.7441

■ 104.1290, 4.3734,
-2.7441

■ 80.0150, 3.9366,
-2.6442

■ 57.0150, 3.9366,

-2.6442

■ 35.9010, 3.4998,
-2.5442

■ 13.8300, 4.5208,
-3.3589

■ 237.9440, 4.9576,
-3.4589

■ 237.9440, 4.9576,
-3.4589

■ 219.9030, 13.8518,
-9.5619

■ 254.2020, -3.0576,
0.6998

■ 202.4490, 22.4566,
-16.1798

■ 184.7070, 31.2034,
-21.6680

■ 166.6660, 40.0977,
-27.7711

■ 148.6250, 48.9919,
-33.8741

■ 131.1710, 57.5967,
-40.4920

■ 113.1300, 66.4909,
-46.5950

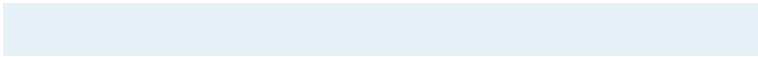
■ 95.3880, 75.2377,
-52.0833

■ 77.9340, 83.8425,
-58.7011

Harmonies

Analogous

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



237.5090, 4.6791, -7.4624



237.9440, 4.9576, -3.4589



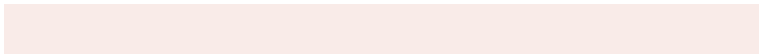
238.3360, 3.7784, 1.4593

Triad

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



237.9440, 4.9576, -3.4589



238.8440, -3.3741, 8.9068



236.9130, -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.



237.9440, 4.9576, -3.4589



244.0560, -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.



236.7780, -3.3416, -1.5593



237.9440, 4.9576, -3.4589



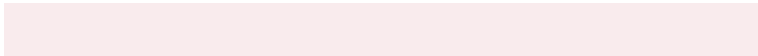
238.1920, -4.5317, 6.8476

Square

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



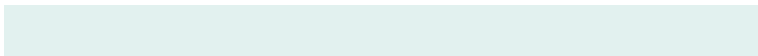
237.9440, 4.9576, -3.4589



239.4140, -1.1901, 8.4069



237.7570, -4.8102, 2.8441



236.2870, 1.3375, -9.0217

Rectangle

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



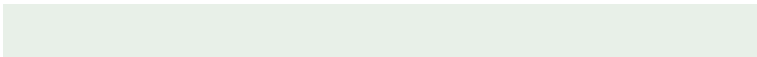
237.9440, 4.9576, -3.4589



238.7170, 2.6045, 4.6332



237.7570, -4.8102, 2.8441



236.6960, -2.3151, -4.1184

Sweetspot

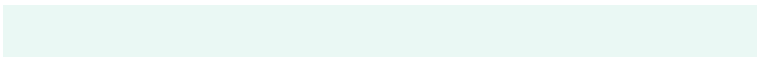
The Sweet Spot groups the original color and five complimentary colors.



237.9440, 4.9576, -3.4589



251.1570, 1.8946, -1.0147



243.3580, 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.



237.9440, 4.9576, -3.4589



241.9870, 6.4154, -4.3736



236.4930, 5.6730, 0.4446



117.9010, 3.4998, -2.5442



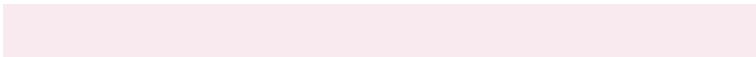
53.2440, 66.9277, -46.6950



16.9330, 21.7250, -14.8502

Inverse Universe

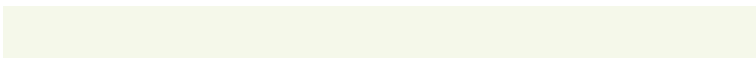
The Inverse Universe completely reimagines the original color for something new.



238.6420, -0.3165, 8.2070



242.9520, -0.4693, 10.5661



245.5070, -5.6730, -0.4446



118.3320, -0.1637, 5.8478



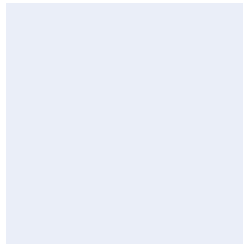
62.6670, -4.2728, 110.7940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 237.9440, 4.9576, -3.4589 looks on a white background.

Color Contrast Check

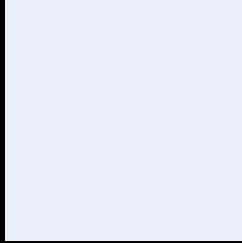
Large Text (above 18pt) WCAG AA × Fail

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 237.9440, 4.9576, -3.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

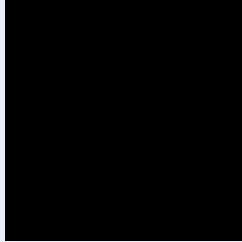
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

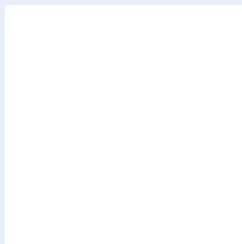
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.9440, 4.9576, -3.4589

Background



This preview shows how black text looks on a background with the YUV color 237.9440, 4.9576, -3.4589.



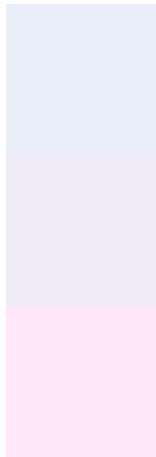
This preview shows how white text looks on a background with the YUV color 237.9440, 4.9576, -3.4589.

-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

237.9440, 4.9576, -3.4589

Protanopia

238.1510, 4.3626, 0.7446

Deuteranopia

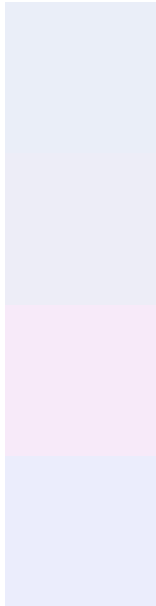
240.2280, 4.3246, 12.9550



Tritanopia

238.4540, 8.1572, -3.0292

Trichromacy



Original Color

237.9440, 4.9576, -3.4589

Protanomaly

238.1400, 4.3680, -0.9998

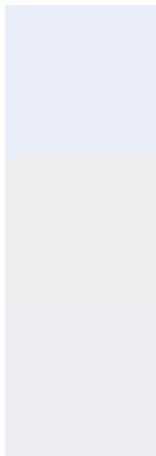
Deuteranomaly

239.5970, 4.6357, 6.4924

Tritanomaly

238.1120, 6.8468, -2.7292

Monochromacy



Original Color

237.9440, 4.9576, -3.4589

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.9440, 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(234, 238, 248)` looks like.

```
.text, #text, p{  
    color:rgb(234, 238, 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(234, 238, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 238, 248) }
```

Border

The CSS property to change the border of an element to YUV 237.9440, 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(234, 238, 248) }
```


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

```
.border{ border-color:rgb(234, 238, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 238, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 238, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 238, 248); box-shadow:4px 4px 4px 4px rgb(234, 238, 248) }
```

Background

The CSS property to change the background color of an element to YUV 237.9440, 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(234, 238, 248) }
```

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

```
.background{ background-color: rgb(234,  
238, 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](#).

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