

Converting Colors

YUV(228.9940, 2.4680, 1.7593)

Have a look what the booklet for
YUV(228.9940, 2.4680, 1.7593)
contains.

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Color

**YUV(228.9940, 2.4680,
1.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E3EA
RGB	231, 227, 234
RGB Percent	91%, 89%, 92%
CMY	0.0941, 0.1098, 0.0824
CMYK	0.01, 0.03, 0.00, 0.08
HSL	274°, 14%, 90%
HSV	274°, 3%, 92%
XYZ	75.2754, 77.8676, 88.9044
YIQ	228.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

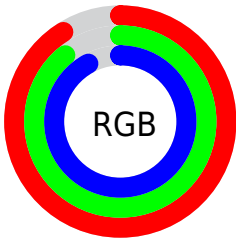
Format	Color
R _Y B	231, 227, 234
Decimal	15197162
CIE Lab	90.72, 2.61, -2.93
CIE LCh	91, 3.923, 311.608
Yxy	77.8676, 0.3110, 0.3217
Android (android.graphics.Color)	4293387242 (0xFFE7E3EA)
YUV	228.9940, 2.4680, 1.7593
Hunter-Lab	88.2426, -2.1552, 2.0352

Details

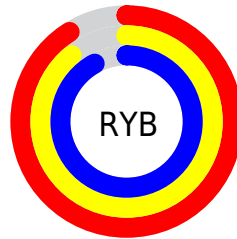
The YUV color `228.9940, 2.4680, 1.7593` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `232.0060, -2.4680, -1.7593`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.5810, 2.1786, 1.2445` is the 20% darker color. If you saturate the color by 10%, you get `212.5030, 10.5980, 7.4519`, and if you desaturate by 10%, it is `245.4850, -5.6621, -3.9333`.

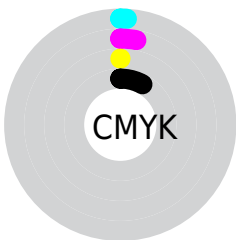
Distribution



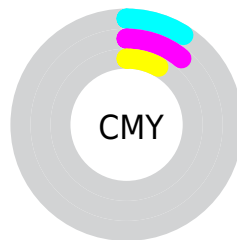
- Red (91%)
- Green (89%)
- Blue (92%)



- Red (91%)
- Yellow (89%)
- Blue (92%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.9940, 2.4680, 1.7593 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 228.9940, 2.4680, 1.7593 by changing the saturation by 10% instead.

■ 228.9940, 2.4680,
1.7593

■ 228.9940, 2.4680,
1.7593

255.0000, 0.0000,
0.0000

■ 200.9940, 2.4680,
1.7593

■ 173.5810, 2.1786,
1.2445

■ 146.9940, 2.4680,
1.7593

■ 121.5810, 2.1786,
1.2445

■ 96.5810, 2.1786,
1.2445

■ 72.5810, 2.1786,
1.2445

■ 50.4670, 1.7418,

1.3444

■ 29.4670, 1.7418,
1.3444

■ 3.5210, 3.1941,
2.1741

■ 228.9940, 2.4680,
1.7593

■ 228.9940, 2.4680,
1.7593

■ 212.5030, 10.5980,
7.4519

■ 245.4850, -5.6621,
-3.9333

■ 195.4250, 19.0175,
13.6593

■ 251.4100, -8.5831,
-0.3596

■ 178.9340, 27.1475,
19.3519

■ 252.6060, -9.1728,
2.0995

■ 161.8560, 35.5670,
25.5593

■ 145.3650, 43.6971,
31.2519

■ 128.8740, 51.8271,
36.9445

■ 111.7960, 60.2466,
43.1519

■ 95.3050, 68.3766,
48.8445

■ 78.2270, 76.7961,
55.0519

Harmonies

Analogous

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



228.3140, 3.7892, -2.0294



228.9940, 2.4680, 1.7593



229.2610, 0.8573, 5.0331

Triad

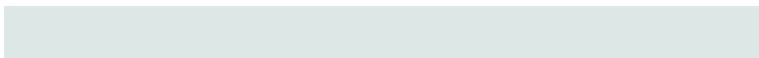
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9940, 2.4680, 1.7593



228.4090, -3.6526, 4.9033



227.5970, 1.1847, -6.6626

Complementary

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



228.9940, 2.4680, 1.7593



232.0060, -2.4680, -1.7593

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.



227.7390, -0.8573, -5.0331



228.9940, 2.4680, 1.7593



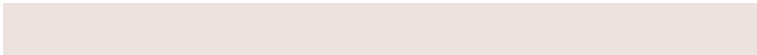
228.3870, -3.6418, 1.4146

Square

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



228.9940, 2.4680, 1.7593



228.7620, -2.3477, 6.3477



228.0060, -2.4680, -1.7593



227.3520, 2.7845, -6.4477

Rectangle

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



228.9940, 2.4680, 1.7593



229.2180, -0.6005, 5.9478



228.0060, -2.4680, -1.7593



227.3690, 0.3111, -6.4626

Sweetspot

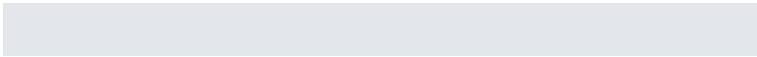
The Sweet Spot groups the original color and five complimentary colors.



228.9940, 2.4680, 1.7593



252.9400, 1.0156, 0.9296



229.5590, 2.1894, -2.2442



126.5270, 0.7262, 0.4148



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.



228.9940, 2.4680, 1.7593



247.9340, 3.4835, 2.6889



229.8910, 2.0257, 3.6036



112.8800, 2.0312, 1.8592



51.4310, 63.8775, 45.2260



15.4250, 19.0175, 13.6593

Inverse Universe

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



229.4350, 0.2785, 4.0035



248.4460, 0.2731, 5.7479



231.1090, -2.0257, -3.6036



113.1360, 0.4260, 3.3887



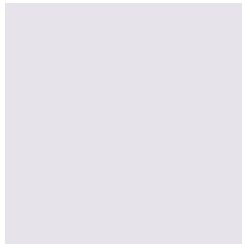
63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985

Previews

White Background



This preview shows how the YUV color 228.9940, 2.4680, 1.7593 looks on a white background.

Color Contrast Check

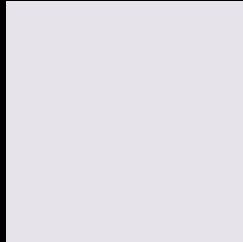
Large Text (above 18pt) WCAG AA × Fail

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 228.9940, 2.4680, 1.7593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

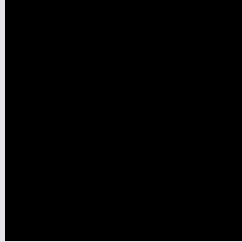
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

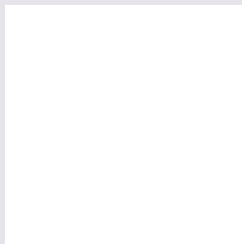
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.9940, 2.4680, 1.7593

Background



This preview shows how black text looks on a background with the YUV color 228.9940, 2.4680, 1.7593.



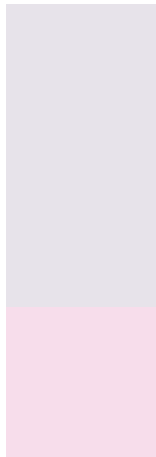
This preview shows how white text looks on a background with the YUV color 228.9940, 2.4680,

1.7593.

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

228.9940, 2.4680, 1.7593

Protanopia

228.9940, 2.4680, 1.7593

Deuteranopia

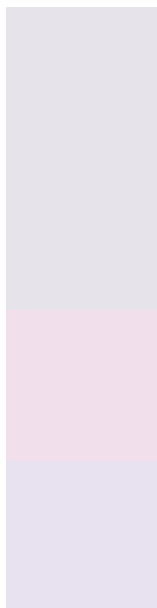
230.3700, 2.2826, 14.5845



Tritanopia

229.7320, 6.5411, 1.9890

Trichromacy



Original Color

228.9940, 2.4680, 1.7593

Protanomaly

228.9940, 2.4680, 1.7593

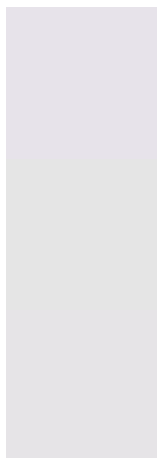
Deuteranomaly

229.7500, 2.5883, 9.8663

Tritanomaly

229.3900, 5.2307, 2.2890

Monochromacy



Original Color

228.9940, 2.4680, 1.7593

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9940, 2.4680, 1.7593 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(231, 227, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 234)  
}
```

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(231, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 234) }
```

Border

The CSS property to change the border of an element to YUV 228.9940, 2.4680, 1.7593 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(231, 227, 234) }
```


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

```
.border{ border-color:rgb(231, 227, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 228.9940, 2.4680, 1.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 234) }
```

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

```
.background{ background-color: rgb(231,  
227, 234) }
```

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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