

Converting Colors

YUV(231.0340, -4.9468, -0.0298)

Have a look what the booklet for
YUV(231.0340, -4.9468, -0.0298)
contains.

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Color

**YUV(231.0340, -4.9468,
-0.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E9DD
RGB	231, 233, 221
RGB Percent	91%, 91%, 87%
CMY	0.0941, 0.0863, 0.1333
CMYK	0.01, 0.00, 0.05, 0.09
HSL	70°, 21%, 89%
HSV	70°, 5%, 91%
XYZ	75.1451, 80.4872, 79.9816
YIQ	231.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

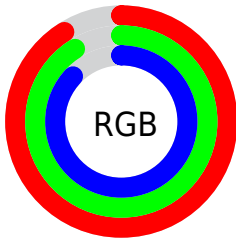
Format	Color
RYB	221, 233, 223
Decimal	15198685
CIELab	91.90, -2.76, 5.58
CIElCh	92, 6.229, 116.336
Yxy	80.4872, 0.3189, 0.3416
Android (android.graphics.Color)	4293388765 (0xFFE7E9DD)
YUV	231.0340, -4.9468, -0.0298
Hunter-Lab	89.7147, -7.4890, 9.9426

Details

The YUV color $231.0340, -4.9468, -0.0298$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $222.9660, 4.9468, 0.0298$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.1480, -4.5100, -0.1298$ is the 20% darker color. If you saturate the color by 10%, you get $227.2160, -14.4035, -0.1894$, and if you desaturate by 10%, it is $234.8520, 4.5100, 0.1298$.

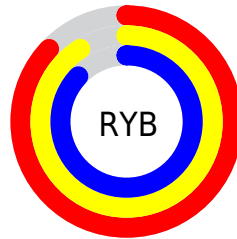
Distribution



Red (91%)

Green (91%)

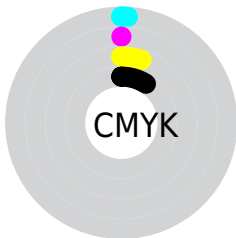
Blue (87%)



Red (87%)

Yellow (91%)

Blue (87%)

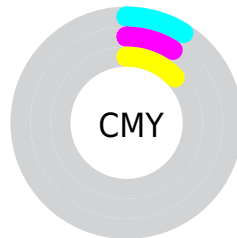


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.0340, -4.9468, -0.0298 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 231.0340, -4.9468, -0.0298 by changing the saturation by 10% instead.

■ 231.0340, -4.9468,
-0.0298

■ 231.0340, -4.9468,
-0.0298

255.0000, 0.0000,
0.0000

■ 203.0340, -4.9468,
-0.0298

■ 175.1480, -4.5100,
-0.1298

■ 149.1480, -4.5100,
-0.1298

■ 123.1480, -4.5100,
-0.1298

■ 98.2620, -4.0732,
-0.2298

■ 74.2620, -4.0732,
-0.2298

■ 51.6750, -3.7838,

0.2850

■ 30.7890, -3.3470,
0.1850

■ 6.4790, -3.1941,
-2.1741

■ 231.0340, -4.9468,
-0.0298

■ 231.0340, -4.9468,
-0.0298

■ 227.2160,
-14.4035, -0.1894

■ 234.8520, 4.5100,
0.1298

■ 223.2840,
-24.2970, -0.2491

■ 237.3020, 8.7251,
1.4891

■ 219.4660,
-33.7537, -0.4087

■ 238.4980, 8.1355,
3.9483

■ 215.6480,
-43.2105, -0.5683

■ 239.6940, 7.5459,
6.4074

■ 212.1290,
-52.8146, -0.1131

■ 240.5910, 7.1036,
8.2517

■ 208.1970,
-62.7081, -0.1728

■ 241.7870, 6.5140,
10.7108

■ 204.3790,
-72.1648, -0.3324

■ 242.0860, 6.3666,
11.3256

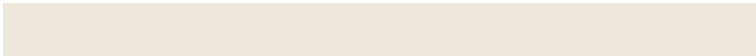
■ 200.5610,
-81.6216, -0.4920

■ 196.6290,
-91.5151, -0.5516

Harmonies

Analogous

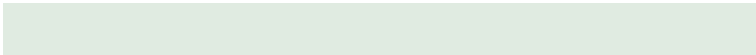
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8390, -5.8366, 5.4032



231.0340, -4.9468, -0.0298



230.5710, -2.7465, -5.7628

Triad

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



231.0340, -4.9468, -0.0298



230.6120, 5.1213, -9.3067



233.3540, -0.1745, 9.3365

Complementary

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



231.0340, -4.9468, -0.0298



222.9660, 4.9468, 0.0298

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.



233.0160, 2.4571, 5.2480



231.0340, -4.9468, -0.0298



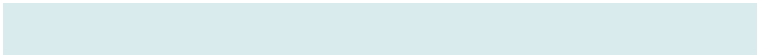
231.2750, 6.2734, -5.5032

Square

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



231.0340, -4.9468, -0.0298



229.8460, 3.5269, -11.2659



231.9660, 4.9468, 0.0298



232.9690, -2.9427, 10.5512

Rectangle

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



231.0340, -4.9468, -0.0298



230.1300, -0.5571, -8.0070



231.9660, 4.9468, 0.0298



233.2830, 0.8465, 8.5218

Sweetspot

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



231.0340, -4.9468, -0.0298



254.1310, -2.0366, -0.1149



225.7620, -2.3477, 6.3477



127.3590, -1.1630, -0.3148



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.



231.0340, -4.9468, -0.0298



252.3930, -6.1097, -0.3447



229.2400, -4.0623, -3.7185



115.7890, -3.3470, 0.1850



151.3960, -74.6382, -0.3473



45.1530, -22.2604, -0.1342

Inverse Universe

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



222.9660, 4.9468, 0.0298



242.3080, 6.2572, -0.2701



224.7600, 4.0623, 3.7185



110.2110, 3.3470, -0.1850



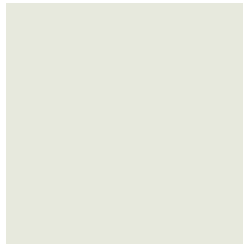
29.6040, 74.6382, 0.3473



8.8470, 22.2604, 0.1342

Previews

White Background



This preview shows how the YUV color 231.0340, -4.9468, -0.0298 looks on a white background.

Color Contrast Check

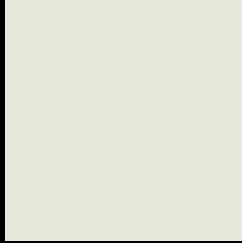
Large Text (above 18pt) WCAG AA × Fail

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 231.0340, -4.9468, -0.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

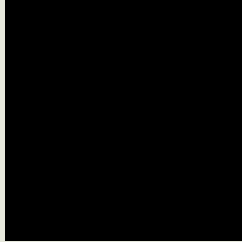
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

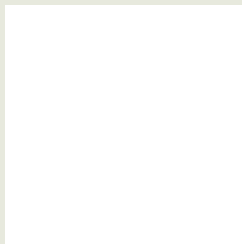
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.0340, -4.9468, -0.0298

Background



This preview shows how black text looks on a background with the YUV color 231.0340, -4.9468, -0.0298.



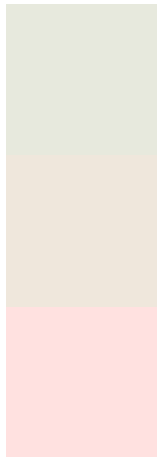
This preview shows how white text looks on a background with the YUV color 231.0340, -4.9468, -0.0298.

-0.0298.

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

231.0340, -4.9468, -0.0298

Protanopia

232.1380, -5.9840, 6.0180

Deuteranopia

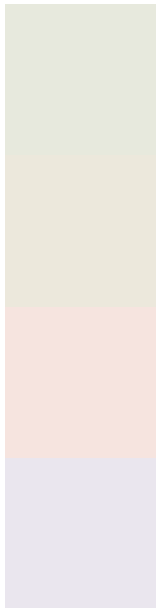
233.8560, -4.8590, 18.5433



Tritanopia

232.8460, 6.9779, 1.8891

Trichromacy



Original Color

231.0340, -4.9468, -0.0298

Protanomaly

231.8280, -5.8312, 3.6588

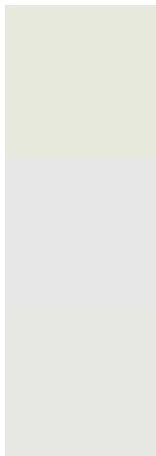
Deuteranomaly

232.8120, -4.8373, 11.5659

Tritanomaly

232.1080, 2.9048, 1.6593

Monochromacy



Original Color

231.0340, -4.9468, -0.0298

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.0340, -4.9468, -0.0298 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, 233, 221)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 221)  
}
```

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, 233, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 221) }
```

Border

The CSS property to change the border of an element to YUV 231.0340, -4.9468, -0.0298 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, 233, 221) }
```


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

```
.border{ border-color:rgb(231, 233, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 233, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 233, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 233, 221); box-shadow:4px 4px 4px 4px rgb(231, 233, 221) }
```

Background

The CSS property to change the background color of an element to YUV 231.0340, -4.9468, -0.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 221) }
```

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

```
.background{ background-color: rgb(231,  
233, 221) }
```

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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