

Converting Colors

YUV(231.3750, 1.2941, 4.9331)

Have a look what the booklet for
YUV(231.3750, 1.2941, 4.9331)
contains.

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Color

**YUV(231.3750, 1.2941,
4.9331)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4EA
RGB	237, 228, 234
RGB Percent	93%, 89%, 92%
CMY	0.0706, 0.1059, 0.0824
CMYK	0.00, 0.04, 0.01, 0.07
HSL	320°, 20%, 91%
HSV	320°, 4%, 93%
XYZ	77.5197, 79.4318, 89.0881
YIQ	231.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

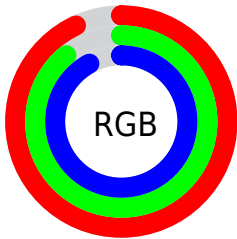
Format	Color
R _Y B	237, 228, 234
Decimal	15590634
CIE Lab	91.43, 4.10, -1.84
CIE LCh	91, 4.491, 335.843
Yxy	79.4318, 0.3151, 0.3228
Android (android.graphics.Color)	4293780714 (0xFFE4E4EA)
YUV	231.3750, 1.2941, 4.9331
Hunter-Lab	89.1245, -0.7102, 3.1215

Details

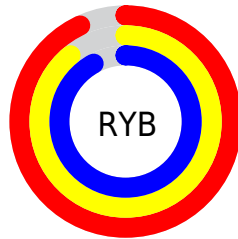
The YUV color $231.3750, 1.2941, 4.9331$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.6250, -1.2941, -4.9331$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.9620, 1.0047, 4.4183$ is the 20% darker color. If you saturate the color by 10%, you get $216.3750, 4.7451, 18.0881$, and if you desaturate by 10%, it is $246.3750, -2.1569, -8.2219$.

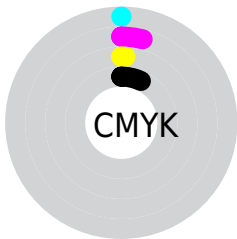
Distribution



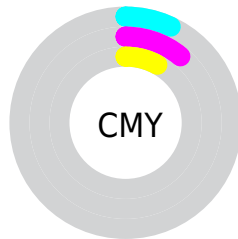
- Red (93%)
- Green (89%)
- Blue (92%)



- Red (93%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3750, 1.2941, 4.9331 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 231.3750, 1.2941, 4.9331 by changing the saturation by 10% instead.

■ 231.3750, 1.2941,
4.9331

■ 231.3750, 1.2941,
4.9331

255.0000, 0.0000,
0.0000

■ 203.3750, 1.2941,
4.9331

■ 175.9620, 1.0047,
4.4183

■ 149.0760, 1.4415,
4.3183

■ 123.0760, 1.4415,
4.3183

■ 98.6630, 1.1521,
3.8035

■ 74.6630, 1.1521,
3.8035

■ 52.2500, 0.8628,

3.2888

■ 31.2500, 0.8628,
3.2887

■ 6.2010, 1.8729,
5.9627

■ 231.3750, 1.2941,
4.9331

■ 231.3750, 1.2941,
4.9331

■ 216.3750, 4.7451,
18.0881

■ 246.3750, -2.1569,
-8.2219

■ 201.9620, 7.9067,
30.7283

■ 249.0480, 0.4693,
-10.5661

■ 186.9620, 11.3577,
43.8833

■ 249.6180, 2.6533,
-11.0660

■ 171.9620, 14.8087,
57.0383

■ 157.5490, 17.9703,
69.6785

■ 142.6630, 21.8581,
82.7335

■ 127.6630, 25.3091,
95.8885

■ 112.6630, 28.7601,
109.0435

■ 98.2500, 31.9217,
121.6838

Harmonies

Analogous

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



230.8090, 3.0522, 1.0445



231.3750, 1.2941, 4.9331



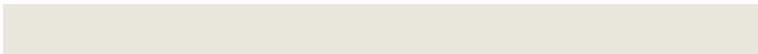
231.8160, -0.8953, 7.1774

Triad

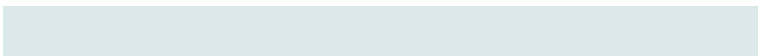
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.3750, 1.2941, 4.9331



229.9850, -3.9366, 2.6442



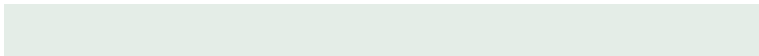
229.3410, 2.7899, -8.1921

Complementary

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



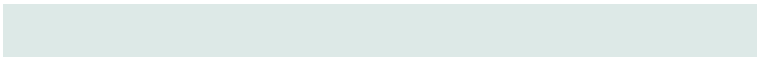
231.3750, 1.2941, 4.9331



233.6250, -1.2941, -4.9331

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.



229.1840, 0.8953, -7.1774



231.3750, 1.2941, 4.9331



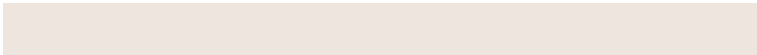
229.7780, -3.3416, -1.5593

Square

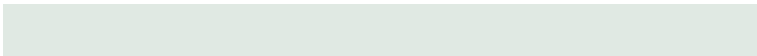
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



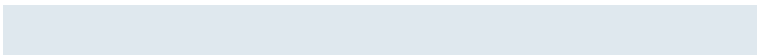
231.3750, 1.2941, 4.9331



231.0070, -3.9475, 6.1329



229.6250, -1.2941, -4.9331



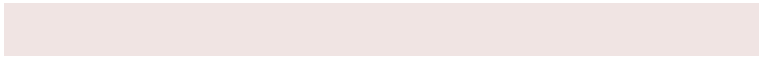
229.9930, 3.9475, -6.1329

Rectangle

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



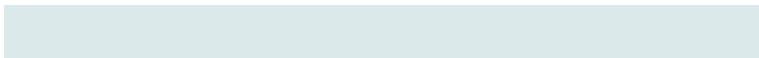
231.3750, 1.2941, 4.9331



231.4740, -2.2057, 7.4773



229.6250, -1.2941, -4.9331



229.2270, 2.3531, -8.0921

Sweetspot

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



231.3750, 1.2941, 4.9331



253.1250, 0.4314, 1.6444



229.9230, 3.4890, 0.9445



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

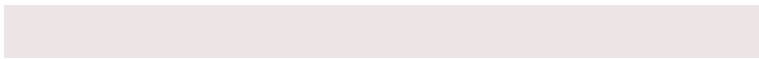
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.3750, 1.2941, 4.9331



246.9130, 2.0149, 7.0923



230.9190, -0.4531, 5.3330



112.6630, 1.1521, 3.8035



67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Inverse Universe

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



231.3750, 1.2941, 4.9331



246.9130, 2.0149, 7.0923



234.0810, 0.4531, -5.3330



112.6630, 1.1521, 3.8035



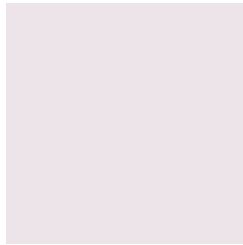
67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 231.3750, 1.2941, 4.9331 looks on a white background.

Color Contrast Check

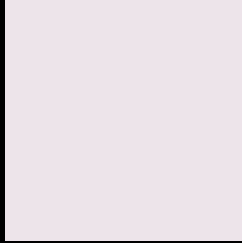
Large Text (above 18pt) WCAG AA × Fail

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 231.3750, 1.2941, 4.9331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

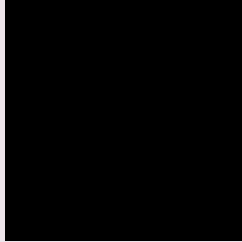
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

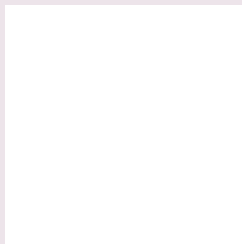
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.3750, 1.2941, 4.9331

Background



This preview shows how black text looks on a background with the YUV color 231.3750, 1.2941, 4.9331.



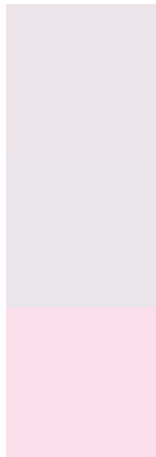
This preview shows how white text looks on a background with the YUV color 231.3750, 1.2941,

4.9331.

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

231.3750, 1.2941, 4.9331

Protanopia

230.8800, 2.0312, 1.8592

Deuteranopia

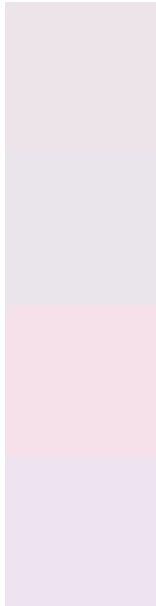
232.7400, 1.1142, 16.0140



Tritanopia

231.9390, 5.9461, 6.1925

Trichromacy



Original Color

231.3750, 1.2941, 4.9331

Protanomaly

231.1790, 1.8838, 2.4740

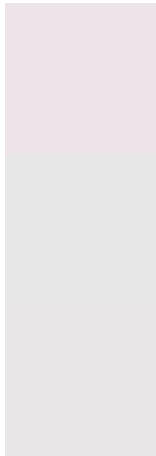
Deuteranomaly

232.4190, 1.2724, 11.9105

Tritanomaly

231.7710, 4.0569, 5.4628

Monochromacy



Original Color

231.3750, 1.2941, 4.9331

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3750, 1.2941, 4.9331 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(237, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 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(237, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 234) }
```

Border

The CSS property to change the border of an element to YUV 231.3750, 1.2941, 4.9331 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(237, 228, 234) }
```


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

```
.border{ border-color:rgb(237, 228, 234) }
```

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

Here you see how a box with a 4 pixel rgb(237, 228, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 231.3750, 1.2941, 4.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 234) }
```

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

```
.background{ background-color: rgb(237,  
228, 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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