

Converting Colors

YUV(228.0760, 1.4415, 4.3183)

Have a look what the booklet for
YUV(228.0760, 1.4415, 4.3183)
contains.

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Color

**YUV(228.0760, 1.4415,
4.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E1E7
RGB	233, 225, 231
RGB Percent	91%, 88%, 91%
CMY	0.0863, 0.1176, 0.0941
CMYK	0.00, 0.03, 0.01, 0.09
HSL	315°, 15%, 90%
HSV	315°, 3%, 91%
XYZ	74.9533, 76.9436, 86.5024
YIQ	228.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

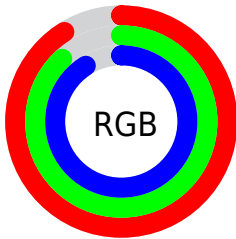
Format	Color
R_{YB}	233, 225, 231
Decimal	15327719
CIE _{Lab}	90.30, 3.77, -1.97
CIE _{LCh}	90, 4.252, 332.476
Yxy	76.9436, 0.3144, 0.3228
Android (android.graphics.Color)	4293517799 (0xFFE9E1E7)
YUV	228.0760, 1.4415, 4.3183
Hunter-Lab	87.7175, -0.9800, 2.9335

Details

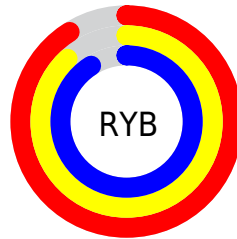
The YUV color `228.0760, 1.4415, 4.3183` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `229.9240, -1.4415, -4.3183`, and the grayscale version is `228.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `172.6630, 1.1521, 3.8035` is the 20% darker color. If you saturate the color by 10%, you get `213.8910, 5.4767, 16.7586`, and if you desaturate by 10%, it is `242.2610, -2.5937, -8.1219`.

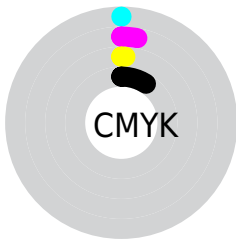
Distribution



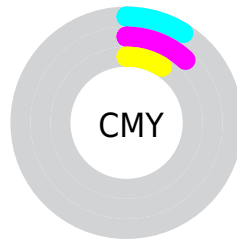
- Red (91%)
- Green (88%)
- Blue (91%)



- Red (91%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0760, 1.4415, 4.3183 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 228.0760, 1.4415, 4.3183 by changing the saturation by 10% instead.

■ 228.0760, 1.4415,
4.3183

■ 228.0760, 1.4415,
4.3183

255.0000, 0.0000,
0.0000

■ 200.0760, 1.4415,
4.3183

■ 172.6630, 1.1521,
3.8035

■ 146.0760, 1.4415,
4.3183

■ 120.6630, 1.1521,
3.8035

■ 95.6630, 1.1521,
3.8035

■ 72.2500, 0.8628,
3.2887

■ 49.3640, 1.2995,

3.1888

■ 28.3640, 1.2995,
3.1888

■ 3.3750, 1.2941,
4.9331

■ 228.0760, 1.4415,
4.3183

■ 228.0760, 1.4415,
4.3183

■ 213.8910, 5.4767,
16.7586

■ 242.2610, -2.5937,
-8.1219

■ 199.1190, 9.8013,
29.7136

■ 247.0540, -1.9986,
-12.3254

■ 185.0480, 14.2733,
42.0539

■ 247.6240, 0.1854,
-12.8252

■ 170.8630, 18.3085,
54.4941

■ 248.3080, 2.8062,
-13.4251

156.6780, 22.3437,
66.9344

248.4220, 3.2430,
-13.5251

141.9060, 26.6683,
79.8894

127.7210, 30.7035,
92.3297

113.5360, 34.7388,
104.7699

98.8780, 39.5001,
117.6250

Harmonies

Analogous

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



227.8090, 3.0522, 1.0445



228.0760, 1.4415, 4.3183



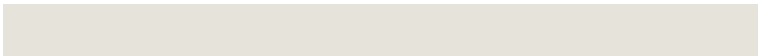
228.5170, -0.7479, 6.5626

Triad

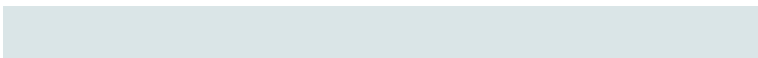
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.0760, 1.4415, 4.3183



226.9850, -3.9366, 2.6442



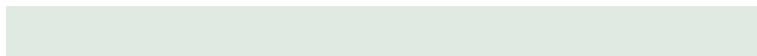
225.9390, 2.4951, -6.9625

Complementary

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



228.0760, 1.4415, 4.3183



229.9240, -1.4415, -4.3183

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.



226.0700, 0.4585, -7.0774



228.0760, 1.4415, 4.3183



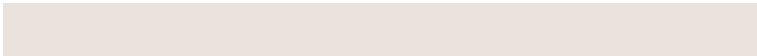
226.4900, -3.1996, -0.4297

Square

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



228.0760, 1.4415, 4.3183



227.7080, -3.8000, 5.5181



225.9240, -1.4415, -4.3183



226.8790, 3.5107, -6.0329

Rectangle

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



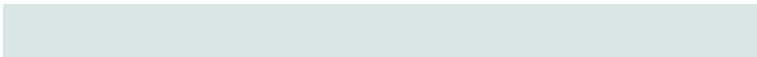
228.0760, 1.4415, 4.3183



228.1750, -2.0583, 6.8625



225.9240, -1.4415, -4.3183



226.4120, 1.7689, -7.3773

Sweetspot

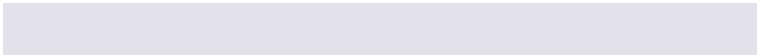
The Sweet Spot groups the original color and five complimentary colors.



228.0760, 1.4415, 4.3183



253.1250, 0.4314, 1.6444



226.5100, 3.1996, 0.4297



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.



228.0760, 1.4415, 4.3183



248.7880, 1.5835, 5.4479



227.6200, -0.3057, 4.7183



113.3640, 1.2995, 3.1888



69.6230, 32.7239, 97.6776



20.7060, 9.5119, 29.1988

Inverse Universe

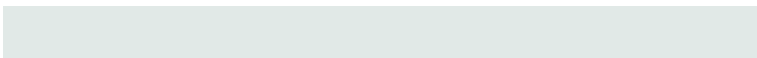
The Inverse Universe completely reimagines the original color for something new.



228.0760, 1.4415, 4.3183



248.7880, 1.5835, 5.4479



230.3800, 0.3057, -4.7183



113.3640, 1.2995, 3.1888



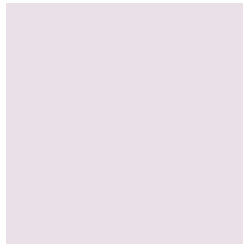
69.6230, 32.7239, 97.6776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 228.0760, 1.4415, 4.3183 looks on a white background.

Color Contrast Check

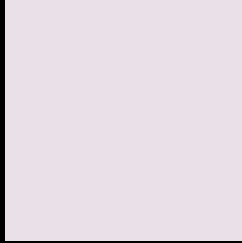
Large Text (above 18pt) WCAG AA × Fail

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 228.0760, 1.4415, 4.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

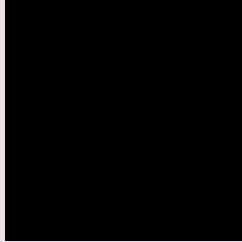
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

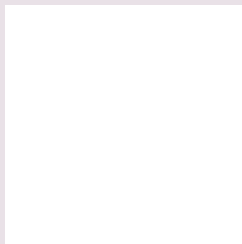
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.0760, 1.4415, 4.3183

Background



This preview shows how black text looks on a background with the YUV color 228.0760, 1.4415, 4.3183.



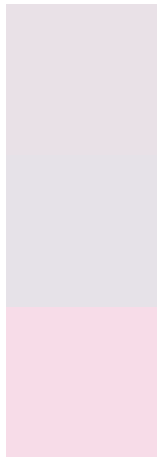
This preview shows how white text looks on a background with the YUV color 228.0760, 1.4415,

4.3183.

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

228.0760, 1.4415, 4.3183

Protanopia

227.8800, 2.0312, 1.8592

Deuteranopia

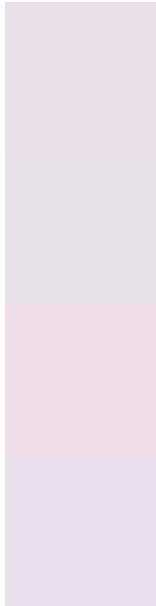
229.4410, 1.2616, 15.3992



Tritanopia

228.6400, 6.0935, 5.5777

Trichromacy



Original Color

228.0760, 1.4415, 4.3183

Protanomaly

228.1790, 1.8838, 2.4740

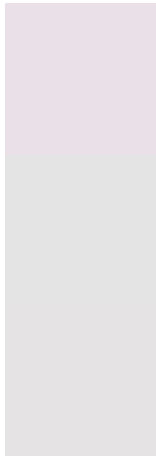
Deuteranomaly

229.1200, 1.4198, 11.2958

Tritanomaly

228.4720, 4.2043, 4.8481

Monochromacy



Original Color

228.0760, 1.4415, 4.3183

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0760, 1.4415, 4.3183 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(233, 225, 231)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 231)  
}
```

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(233, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 231) }
```

Border

The CSS property to change the border of an element to YUV 228.0760, 1.4415, 4.3183 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(233, 225, 231) }
```


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

```
.border{ border-color:rgb(233, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 228.0760, 1.4415, 4.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 231) }
```

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

```
.background{ background-color: rgb(233,  
225, 231) }
```

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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