

Converting Colors

YUV(225.8690, 2.0366, 0.1149)

Have a look what the booklet for
YUV(225.8690, 2.0366, 0.1149)
contains.

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Color

**YUV(225.8690, 2.0366,
0.1149)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1E6
RGB	226, 225, 230
RGB Percent	89%, 88%, 90%
CMY	0.1137, 0.1176, 0.0980
CMYK	0.02, 0.02, 0.00, 0.10
HSL	252°, 9%, 89%
HSV	252°, 2%, 90%
XYZ	72.5722, 75.7323, 85.6558
YIQ	225.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

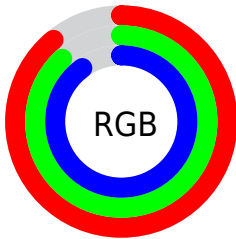
Format	Color
RYB	226, 225, 230
Decimal	14868966
CIELab	89.73, 1.24, -2.33
CIElCh	90, 2.637, 298.136
Yxy	75.7323, 0.3102, 0.3237
Android (android.graphics.Color)	4293059046 (0xFFE2E1E6)
YUV	225.8690, 2.0366, 0.1149
Hunter-Lab	87.0243, -3.4361, 2.5595

Details

The YUV color `225.8690, 2.0366, 0.1149` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `229.1310, -2.0366, -0.1149`, and the grayscale version is `226.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `170.8690, 2.0366, 0.1149` is the 20% darker color. If you saturate the color by 10%, you get `206.9860, 11.3459, 0.8893`, and if you desaturate by 10%, it is `244.7520, -7.2727, -0.6595`.

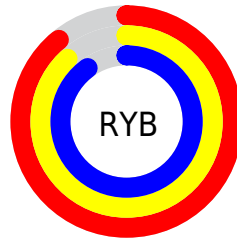
Distribution



Red (89%)

Green (88%)

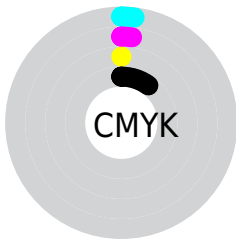
Blue (90%)



Red (89%)

Yellow (88%)

Blue (90%)

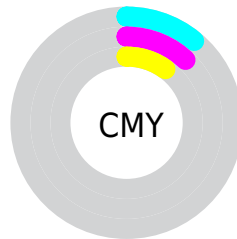


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.8690, 2.0366, 0.1149 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 225.8690, 2.0366, 0.1149 by changing the saturation by 10% instead.

■ 225.8690, 2.0366,
0.1149

■ 225.8690, 2.0366,
0.1149

255.0000, 0.0000,
0.0000

■ 197.8690, 2.0366,
0.1149

■ 170.8690, 2.0366,
0.1149

■ 143.8690, 2.0366,
0.1149

■ 118.7550, 1.5998,
0.2149

■ 93.7550, 1.5998,
0.2149

■ 70.4560, 1.7472,
-0.3999

■ 47.7550, 1.5998,

0.2149

■ 27.3420, 1.3104,
-0.2999

■ 0.5700, 2.1840,
-0.4999

■ 225.8690, 2.0366,
0.1149

■ 225.8690, 2.0366,
0.1149

■ 206.9860, 11.3459,
0.8893

■ 244.7520, -7.2727,
-0.6595

■ 187.8040, 20.8026,
1.0489

■ 252.1500,
-10.9200, 2.4994

■ 168.9210, 30.1119,
1.8233

■ 149.7390, 39.5687,
1.9829

■ 130.8560, 48.8780,
2.7573

■ 111.9730, 58.1873,
3.5317

■ 92.7910, 67.6440,
3.6913

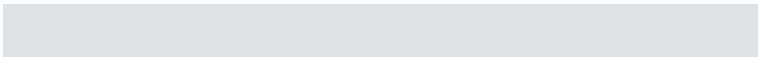
■ 73.9080, 76.9534,
4.4657

■ 54.7260, 86.4101,
4.6253

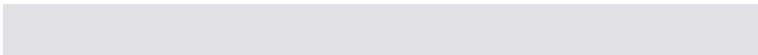
Harmonies

Analogous

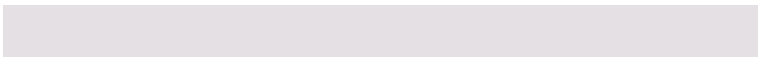
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.6730, 2.6262, -2.3442



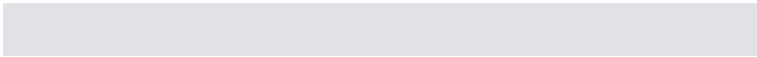
225.8690, 2.0366, 0.1149



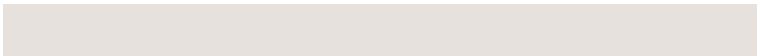
225.9510, 1.0102, 2.6740

Triad

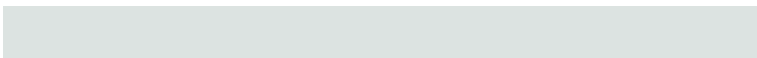
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.8690, 2.0366, 0.1149



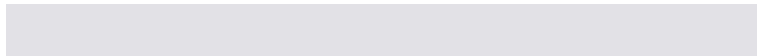
226.0390, -2.4842, 3.4738



224.6790, 0.1583, -4.1035

Complementary

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



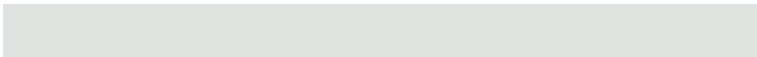
225.8690, 2.0366, 0.1149



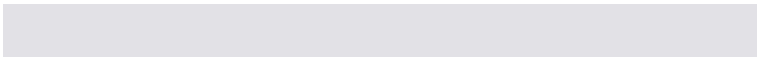
229.1310, -2.0366, -0.1149

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.



225.0490, -1.0102, -2.6740



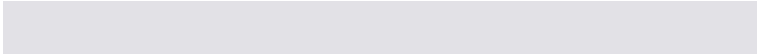
225.8690, 2.0366, 0.1149



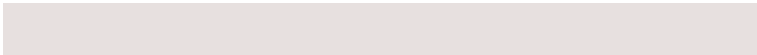
225.4410, -2.1894, 2.2442

Square

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



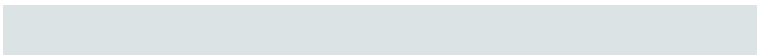
225.8690, 2.0366, 0.1149



225.9790, -1.4686, 4.4034



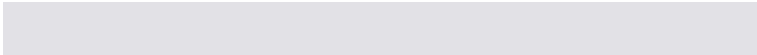
225.1310, -2.0366, -0.1149



225.0210, 1.4686, -4.4034

Rectangle

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



225.8690, 2.0366, 0.1149



226.1360, 0.4260, 3.3887



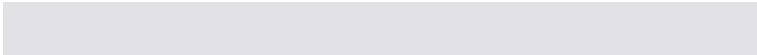
225.1310, -2.0366, -0.1149



224.8640, -0.4260, -3.3887

Sweetspot

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



225.8690, 2.0366, 0.1149



252.6410, 1.1630, 0.3148



227.9180, 1.0264, -2.5591



126.2280, 0.8736, -0.2000



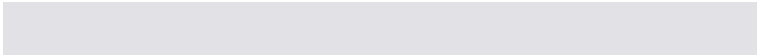
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



225.8690, 2.0366, 0.1149



248.5100, 3.1996, 0.4297



226.4670, 1.7418, 1.3444



110.8690, 2.0366, 0.1149



31.1700, 72.8802, 4.2359



8.8040, 20.8026, 1.0489

Inverse Universe

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



226.9510, 1.0102, 2.6740



250.0760, 1.4415, 4.3183



228.5330, -1.7418, -1.3444



111.9510, 1.0102, 2.6740



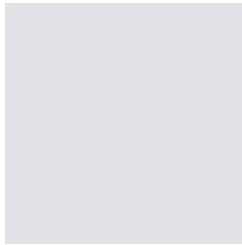
69.8230, 36.0763, 95.7482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 225.8690, 2.0366, 0.1149 looks on a white background.

Color Contrast Check

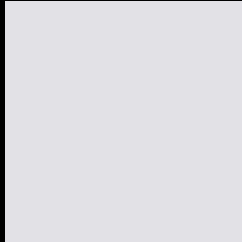
Large Text (above 18pt) WCAG AA × Fail

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 225.8690, 2.0366, 0.1149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

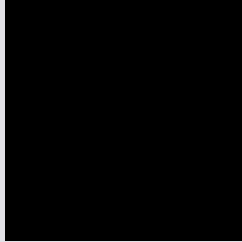
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

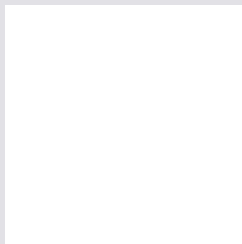
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.8690, 2.0366, 0.1149

Background



This preview shows how black text looks on a background with the YUV color 225.8690, 2.0366, 0.1149.



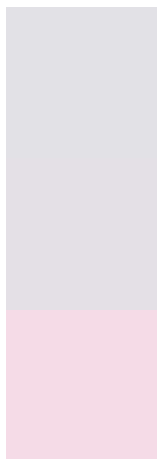
This preview shows how white text looks on a background with the YUV color 225.8690, 2.0366,

0.1149.

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

225.8690, 2.0366, 0.1149

Protanopia

225.8800, 2.0312, 1.8592

Deuteranopia

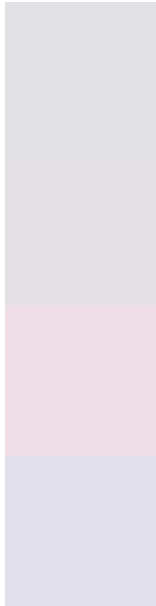
228.1420, 1.4090, 14.7845



Tritanopia

226.5470, 7.1253, 1.2743

Trichromacy



Original Color

225.8690, 2.0366, 0.1149

Protanomaly

225.5810, 2.1786, 1.2445

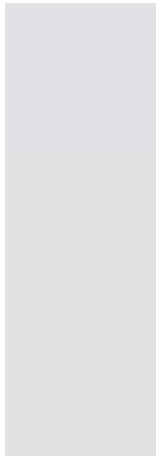
Deuteranomaly

227.2230, 1.8621, 9.4514

Tritanomaly

226.3790, 5.2362, 0.5446

Monochromacy



Original Color

225.8690, 2.0366, 0.1149

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.8690, 2.0366, 0.1149 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(226, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 230)  
}
```

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(226, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 230) }
```

Border

The CSS property to change the border of an element to YUV 225.8690, 2.0366, 0.1149 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(226, 225, 230) }
```


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

```
.border{ border-color:rgb(226, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 225.8690, 2.0366, 0.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 230) }
```

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

```
.background{ background-color: rgb(226,  
225, 230) }
```

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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