

Converting Colors

YUV(232.2450, -1.5998, -0.2149)

Have a look what the booklet for
YUV(232.2450, -1.5998, -0.2149)
contains.

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Color

**YUV(232.2450, -1.5998,
-0.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E9E5
RGB	232, 233, 229
RGB Percent	91%, 91%, 90%
CMY	0.0902, 0.0863, 0.1020
CMYK	0.00, 0.00, 0.02, 0.09
HSL	75°, 8%, 91%
HSV	75°, 2%, 91%
XYZ	76.5605, 81.0908, 85.7457
YIQ	232.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

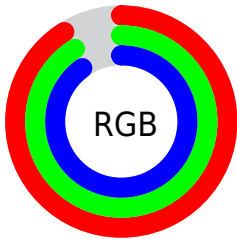
Format	Color
R _Y B	229, 233, 230
Decimal	15264229
CIE Lab	92.17, -1.04, 1.81
CIE LCh	92, 2.088, 119.820
Yxy	81.0908, 0.3145, 0.3332
Android (android.graphics.Color)	4293454309 (0xFFE8E9E5)
YUV	232.2450, -1.5998, -0.2149
Hunter-Lab	90.0504, -5.8283, 6.5796

Details

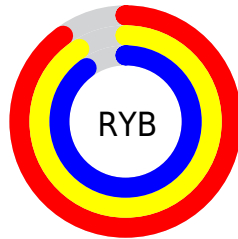
The YUV color $232.2450, -1.5998, -0.2149$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.7550, 1.5998, 0.2149$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.3590, -1.1630, -0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $227.8290, -10.7617, -1.6040$, and if you desaturate by 10%, it is $236.6610, 7.5621, 1.1743$.

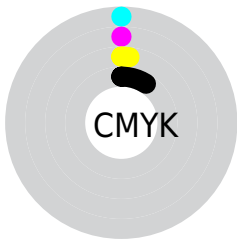
Distribution



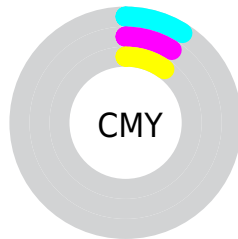
- Red (91%)
- Green (91%)
- Blue (90%)



- Red (90%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.2450, -1.5998, -0.2149 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 232.2450, -1.5998, -0.2149 by changing the saturation by 10% instead.

■ 232.2450, -1.5998,
-0.2149

■ 232.2450, -1.5998,
-0.2149

255.0000, 0.0000,
0.0000

■ 204.2450, -1.5998,
-0.2149

■ 176.3590, -1.1630,
-0.3148

■ 150.2450, -1.5998,
-0.2149

■ 124.2450, -1.5998,
-0.2149

■ 99.3590, -1.1630,
-0.3148

■ 75.3590, -1.1630,
-0.3148

■ 52.6580, -1.3104,

0.2999

■ 31.3590, -1.1630,
-0.3148

■ 7.7180, -2.3260,
-0.6297

■ 232.2450, -1.5998,
-0.2149

■ 232.2450, -1.5998,
-0.2149

■ 227.8290,
-10.7617, -1.6040

■ 236.6610, 7.5621,
1.1743

■ 223.2990,
-20.3604, -2.8932

■ 238.7970, 7.9881,
4.5630

■ 219.1820,
-29.6697, -3.6676

■ 240.2920, 7.2510,
7.6369

■ 214.7660,
-38.8316, -5.0568

■ 242.0860, 6.3666,
11.3256

■ 210.3500,
-47.9935, -6.4459

■ 205.8200,
-57.5923, -7.7351

■ 201.4040,
-66.7542, -9.1243

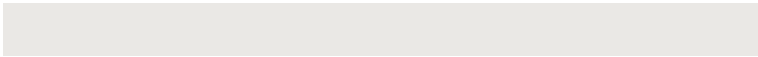
■ 196.9880,
-75.9161, -10.5135

■ 192.7570,
-85.6622, -11.1879

Harmonies

Analogous

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



232.2560, -1.6052, 1.5295



232.2450, -1.5998, -0.2149



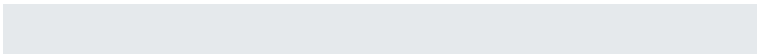
232.3480, -1.1576, -2.0592

Triad

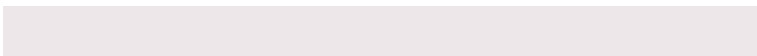
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.2450, -1.5998, -0.2149



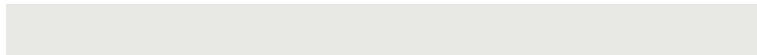
232.1460, 1.9000, -2.7590



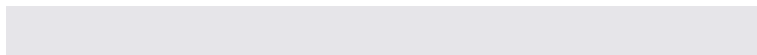
233.0220, -0.0108, 3.4887

Complementary

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



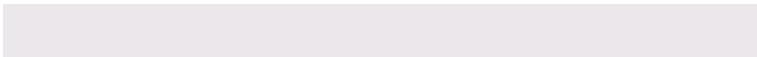
232.2450, -1.5998, -0.2149



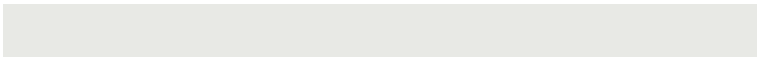
229.7550, 1.5998, 0.2149

Split Complementary

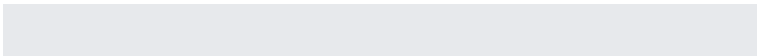
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6520, 1.1576, 2.0592



232.2450, -1.5998, -0.2149



232.7440, 1.6052, -1.5295

Square

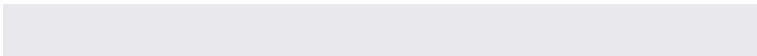
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



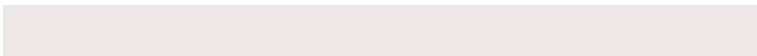
232.2450, -1.5998, -0.2149



232.2060, 0.8844, -3.6887



232.7550, 1.5998, 0.2149



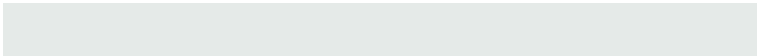
232.7940, -0.8844, 3.6887

Rectangle

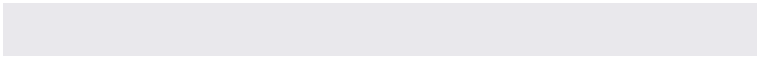
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



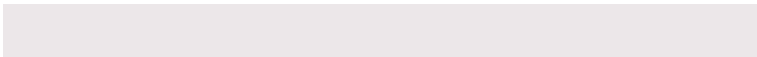
232.2450, -1.5998, -0.2149



232.2770, -0.1366, -2.8739



232.7550, 1.5998, 0.2149



232.7230, 0.1366, 2.8739

Sweetspot

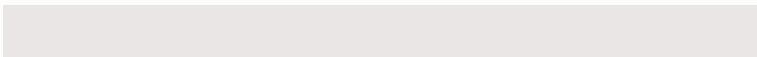
The Sweet Spot groups the original color and five complimentary colors.



232.2450, -1.5998, -0.2149



254.3590, -1.1630, -0.3148



230.7830, -0.8790, 1.9443



127.4730, -0.7262, -0.4148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

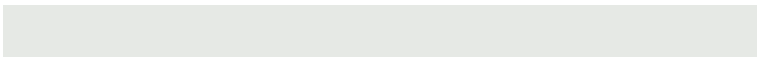
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2450, -1.5998, -0.2149



254.1310, -2.0366, -0.1149



231.6470, -1.3050, -1.4444



116.7720, -0.8736, 0.2000



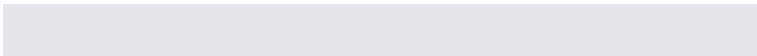
146.9110, -72.4271, -9.5689



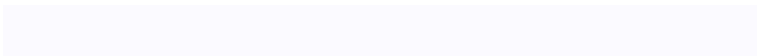
43.6580, -21.5234, -3.2081

Inverse Universe

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



229.7550, 1.5998, 0.2149



250.8690, 2.0366, 0.1149



230.3530, 1.3050, 1.4444



115.5270, 0.7262, 0.4148



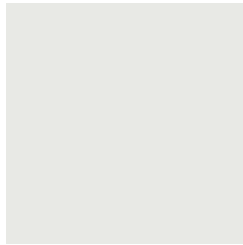
34.0890, 72.4271, 9.5689



10.0430, 21.6708, 2.5933

Previews

White Background



This preview shows how the YUV color 232.2450, -1.5998, -0.2149 looks on a white background.

Color Contrast Check

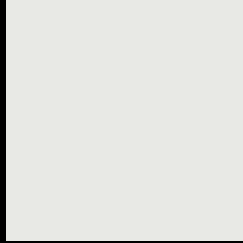
Large Text (above 18pt) WCAG AA × Fail

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 232.2450, -1.5998, -0.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

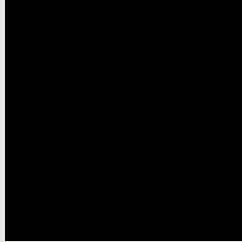
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

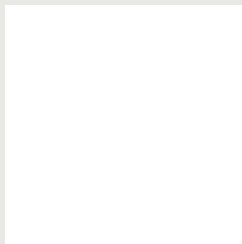
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.2450, -1.5998, -0.2149

Background



This preview shows how black text looks on a background with the YUV color 232.2450, -1.5998, -0.2149.



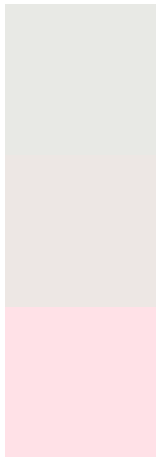
This preview shows how white text looks on a background with the YUV color 232.2450, -1.5998, -0.2149.

-0.2149.

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

232.2450, -1.5998, -0.2149

Protanopia

232.4520, -2.1948, 3.9886

Deuteranopia

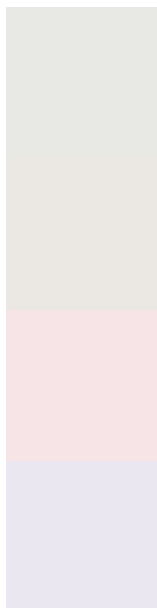
234.6540, -1.8014, 17.8434



Tritanopia

233.5470, 7.1253, 1.2743

Trichromacy



Original Color

232.2450, -1.5998, -0.2149

Protanomaly

232.4410, -2.1894, 2.2442

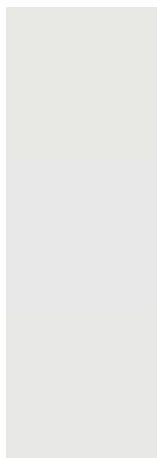
Deuteranomaly

233.9090, -1.9271, 11.4808

Tritanomaly

233.0370, 3.9258, 0.8446

Monochromacy



Original Color

232.2450, -1.5998, -0.2149

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.2450, -1.5998, -0.2149 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(232, 233, 229)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 229)  
}
```

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(232, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 229) }
```

Border

The CSS property to change the border of an element to YUV 232.2450, -1.5998, -0.2149 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(232, 233, 229) }
```


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

```
.border{ border-color:rgb(232, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 232.2450, -1.5998, -0.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 229) }
```

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

```
.background{ background-color: rgb(232,  
233, 229) }
```

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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