

Converting Colors

YUV(231.5440, -1.7472, 0.3999)

Have a look what the booklet for
YUV(231.5440, -1.7472, 0.3999)
contains.

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Color

**YUV(231.5440, -1.7472,
0.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E8E4
RGB	232, 232, 228
RGB Percent	91%, 91%, 89%
CMY	0.0902, 0.0902, 0.1059
CMYK	0.00, 0.00, 0.02, 0.09
HSL	60°, 8%, 90%
HSV	60°, 2%, 91%
XYZ	76.1389, 80.4705, 84.9182
YIQ	231.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

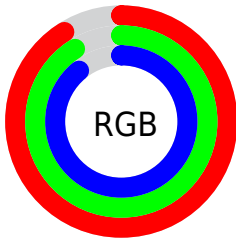
Format	Color
R_{YB}	228, 232, 228
Decimal	15263972
CIE _{Lab}	91.90, -0.70, 1.93
CIE _{LCh}	92, 2.055, 109.978
Yxy	80.4705, 0.3152, 0.3332
Android (android.graphics.Color)	4293454052 (0xFFE8E8E4)
YUV	231.5440, -1.7472, 0.3999
Hunter-Lab	89.7053, -5.4794, 6.6678

Details

The YUV color $231.5440, -1.7472, 0.3999$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.4560, 1.7472, -0.3999$, 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 $175.6580, -1.3104, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $228.9220, -11.7935, 2.6994$, and if you desaturate by 10%, it is $234.1660, 8.2992, -1.8996$.

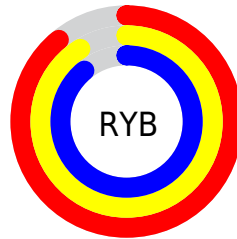
Distribution



Red (91%)

Green (91%)

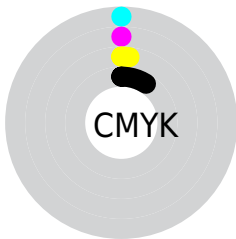
Blue (89%)



Red (89%)

Yellow (91%)

Blue (89%)

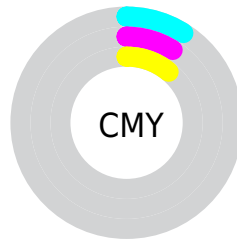


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5440, -1.7472, 0.3999 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 231.5440, -1.7472, 0.3999 by changing the saturation by 10% instead.

■ 231.5440, -1.7472,
0.3999

■ 231.5440, -1.7472,
0.3999

255.0000, 0.0000,
0.0000

■ 203.5440, -1.7472,
0.3999

■ 175.6580, -1.3104,
0.2999

■ 149.5440, -1.7472,
0.3999

■ 123.5440, -1.7472,
0.3999

■ 98.6580, -1.3104,
0.2999

■ 74.6580, -1.3104,
0.2999

■ 52.6580, -1.3104,

0.2999

■ 30.7720, -0.8736,
0.2000

■ 6.4300, -2.1840,
0.4999

■ 231.5440, -1.7472,
0.3999

■ 231.5440, -1.7472,
0.3999

■ 228.9220,
-11.7935, 2.6994

■ 234.1660, 8.2992,
-1.8996

■ 226.3000,
-21.8399, 4.9989

■ 234.6220, 10.0464,
-2.2995

■ 223.5640,
-32.3231, 7.3984

■ 220.9420,
-42.3694, 9.6979

■ 218.3200,
-52.4158, 11.9974

■ 215.6980,
-62.4621, 14.2969

■ 213.0760,
-72.5085, 16.5963

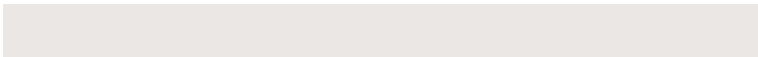
■ 210.3400,
-82.9916, 18.9958

■ 207.7180,
-93.0380, 21.2953

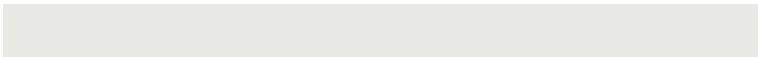
Harmonies

Analogous

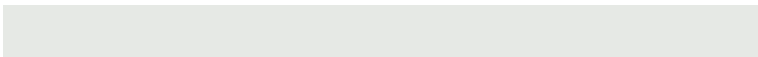
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.5550, -1.7526, 2.1443



231.5440, -1.7472, 0.3999



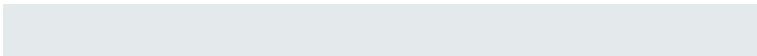
231.6470, -1.3050, -1.4444

Triad

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



231.5440, -1.7472, 0.3999



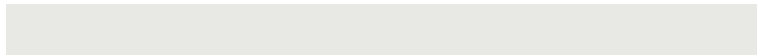
231.7330, 1.6106, -3.2738



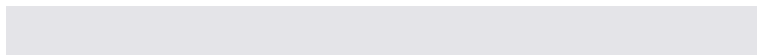
232.3100, -0.1528, 2.3591

Complementary

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



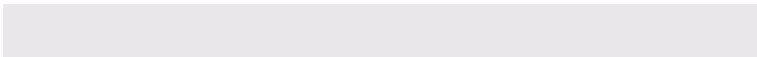
231.5440, -1.7472, 0.3999



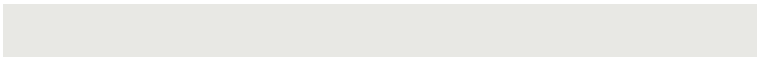
228.4560, 1.7472, -0.3999

Split Complementary

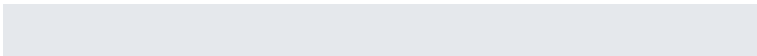
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.2390, 0.8682, 1.5444



231.5440, -1.7472, 0.3999



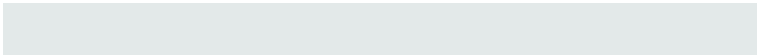
231.5590, 2.1894, -2.2442

Square

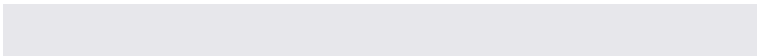
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



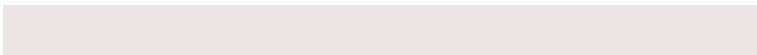
231.5440, -1.7472, 0.3999



231.2060, 0.8844, -3.6887



231.4560, 1.7472, -0.3999



231.7940, -0.8844, 3.6887

Rectangle

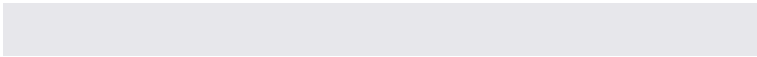
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



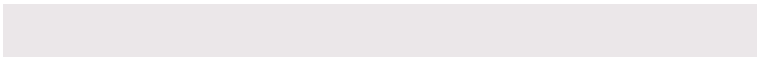
231.5440, -1.7472, 0.3999



231.1630, -0.5734, -2.7740



231.4560, 1.7472, -0.3999



232.4240, 0.2840, 2.2592

Sweetspot

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



231.5440, -1.7472, 0.3999



254.6580, -1.3104, 0.2999



229.1960, -0.5896, 2.4591



127.7720, -0.8736, 0.2000



0.0000, 0.0000, 0.0000



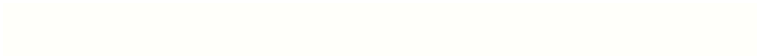
128.0000, 0.0000, 0.0000

Same Dimension

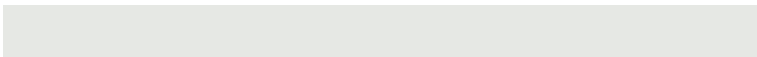
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5440, -1.7472, 0.3999



254.4300, -2.1840, 0.4999



230.9460, -1.4524, -0.8296



114.6580, -1.3104, 0.2999



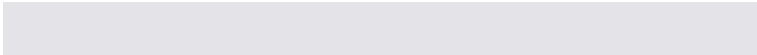
158.5940, -78.1868, 17.8961



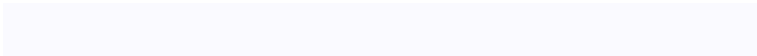
45.1860, -22.2767, 5.0989

Inverse Universe

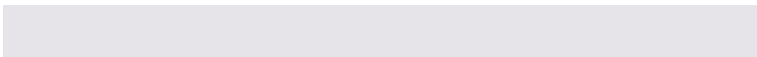
The Inverse Universe completely reimagines the original color for something new.



228.4560, 1.7472, -0.3999



250.5700, 2.1840, -0.4999



229.0540, 1.4524, 0.8296



112.3420, 1.3104, -0.2999



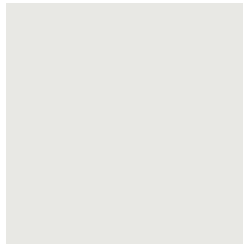
20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Previews

White Background



This preview shows how the YUV color 231.5440, -1.7472, 0.3999 looks on a white background.

Color Contrast Check

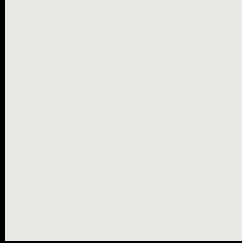
Large Text (above 18pt) WCAG AA × Fail

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 231.5440, -1.7472, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

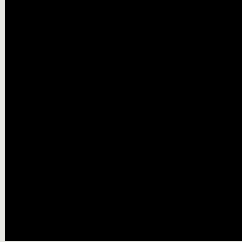
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

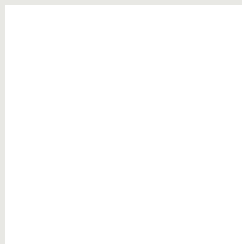
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.5440, -1.7472, 0.3999

Background



This preview shows how black text looks on a background with the YUV color 231.5440, -1.7472, 0.3999.



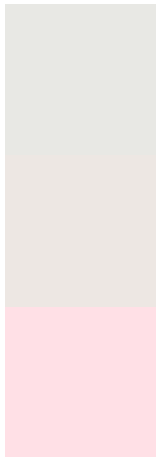
This preview shows how white text looks on a background with the YUV color 231.5440, -1.7472,

0.3999.

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

231.5440, -1.7472, 0.3999

Protanopia

232.3380, -2.6316, 4.0886

Deuteranopia

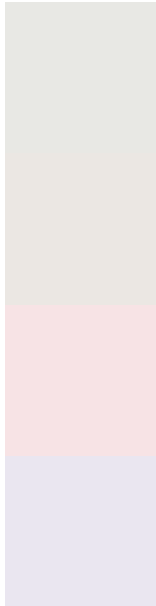
233.9530, -1.9488, 18.4582



Tritanopia

232.8460, 6.9779, 1.8891

Trichromacy



Original Color

231.5440, -1.7472, 0.3999

Protanomaly

231.7400, -2.3368, 2.8590

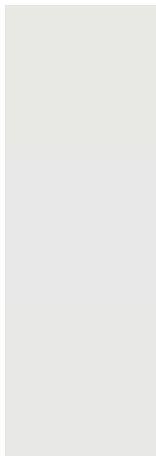
Deuteranomaly

233.2080, -2.0745, 12.0956

Tritanomaly

232.3360, 3.7784, 1.4593

Monochromacy



Original Color

231.5440, -1.7472, 0.3999

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 231.5440, -1.7472, 0.3999 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, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 228)  
}
```

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, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 228) }
```

Border

The CSS property to change the border of an element to YUV 231.5440, -1.7472, 0.3999 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, 232, 228) }
```


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

```
.border{ border-color:rgb(232, 232, 228) }
```

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

Here you see how a box with a 4 pixel rgb(232, 232, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 231.5440, -1.7472, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 228) }
```

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

```
.background{ background-color: rgb(232,  
232, 228) }
```

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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