

Converting Colors

YUV(231.3160, -2.6208, 0.5999)

Have a look what the booklet for
YUV(231.3160, -2.6208, 0.5999)
contains.

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Color

**YUV(231.3160, -2.6208,
0.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E8E2
RGB	232, 232, 226
RGB Percent	91%, 91%, 89%
CMY	0.0902, 0.0902, 0.1137
CMYK	0.00, 0.00, 0.03, 0.09
HSL	60°, 12%, 90%
HSV	60°, 3%, 91%
XYZ	75.8628, 80.3600, 83.4641
YIQ	231.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 232, 226
Decimal	15263970
CIE Lab	91.85, -1.05, 2.90
CIE LCh	92, 3.087, 109.907
Yxy	80.3600, 0.3165, 0.3353
Android (android.graphics.Color)	4293454050 (0xFFE8E8E2)
YUV	231.3160, -2.6208, 0.5999
Hunter-Lab	89.6437, -5.8174, 7.5478

Details

The YUV color $231.3160, -2.6208, 0.5999$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $226.6840, 2.6208, -0.5999$, 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 $175.4300, -2.1840, 0.4999$ is the 20% darker color. If you saturate the color by 10%, you get $228.6940, -12.6671, 2.8994$, and if you desaturate by 10%, it is $233.9380, 7.4256, -1.6996$.

Distribution



Red (91%)

Green (91%)

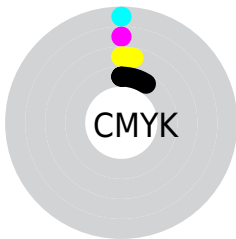
Blue (89%)



Red (89%)

Yellow (91%)

Blue (89%)

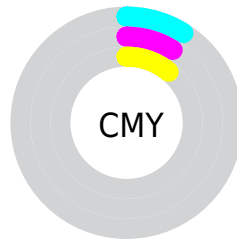


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3160, -2.6208, 0.5999 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 231.3160, -2.6208, 0.5999 by changing the saturation by 10% instead.

■ 231.3160, -2.6208,
0.5999

■ 231.3160, -2.6208,
0.5999

255.0000, 0.0000,
0.0000

■ 203.3160, -2.6208,
0.5999

■ 175.4300, -2.1840,
0.4999

■ 149.3160, -2.6208,
0.5999

■ 123.4300, -2.1840,
0.4999

■ 98.4300, -2.1840,
0.4999

■ 74.4300, -2.1840,
0.4999

■ 52.4300, -2.1840,

0.4999

■ 30.5440, -1.7472,
0.3999

■ 6.2020, -3.0576,
0.6998

■ 231.3160, -2.6208,
0.5999

■ 231.3160, -2.6208,
0.5999

■ 228.6940,
-12.6671, 2.8994

■ 233.9380, 7.4256,
-1.6996

■ 226.0720,
-22.7135, 5.1989

■ 234.6220, 10.0464,
-2.2995

■ 223.3360,
-33.1966, 7.5983

■ 220.7140,
-43.2430, 9.8978

■ 218.0920,
-53.2894, 12.1973

■ 215.4700,
-63.3357, 14.4968

■ 212.8480,
-73.3821, 16.7963

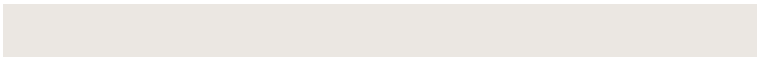
■ 210.1120,
-83.8652, 19.1958

■ 207.4900,
-93.9116, 21.4953

Harmonies

Analogous

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



231.6260, -2.7736, 2.9590



231.3160, -2.6208, 0.5999



231.2340, -1.5944, -1.9592

Triad

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



231.3160, -2.6208, 0.5999



230.9500, 2.4897, -5.2181



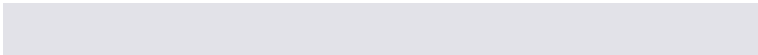
232.4350, 0.2785, 4.0035

Complementary

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



231.3160, -2.6208, 0.5999



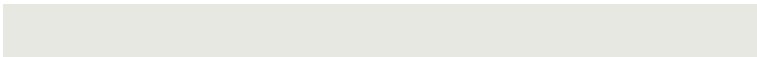
226.6840, 2.6208, -0.5999

Split Complementary

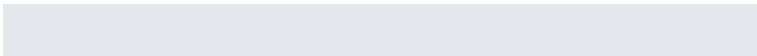
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.0650, 1.4470, 2.5740



231.3160, -2.6208, 0.5999



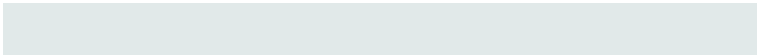
231.3740, 2.7736, -2.9590

Square

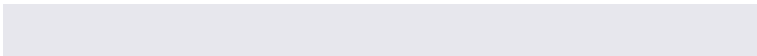
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



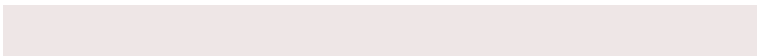
231.3160, -2.6208, 0.5999



230.6080, 1.1793, -4.9182



231.6840, 2.6208, -0.5999



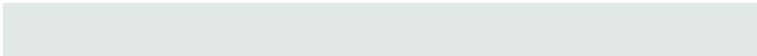
232.3920, -1.1793, 4.9182

Rectangle

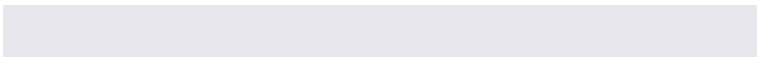
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



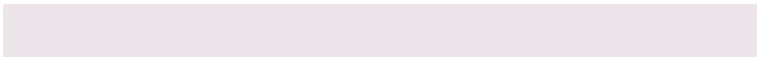
231.3160, -2.6208, 0.5999



230.7500, -0.8627, -3.2887



231.6840, 2.6208, -0.5999



232.2500, 0.8628, 3.2887

Sweetspot

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



231.3160, -2.6208, 0.5999



254.6580, -1.3104, 0.2999



227.7940, -0.8844, 3.6887



127.7720, -0.8736, 0.2000



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

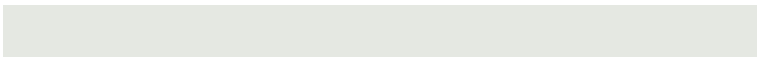
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.3160, -2.6208, 0.5999



254.0880, -3.4944, 0.7998



230.4190, -2.1786, -1.2445



114.4300, -2.1840, 0.4999



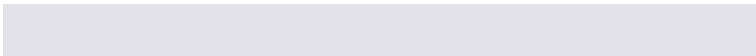
158.5940, -78.1868, 17.8961



45.1860, -22.2767, 5.0989

Inverse Universe

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



226.6840, 2.6208, -0.5999



247.9120, 3.4944, -0.7998



227.5810, 2.1786, 1.2445



110.5700, 2.1840, -0.4999



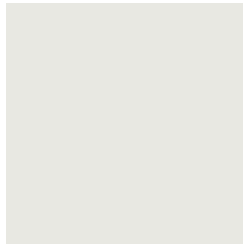
20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Previews

White Background



This preview shows how the YUV color 231.3160, -2.6208, 0.5999 looks on a white background.

Color Contrast Check

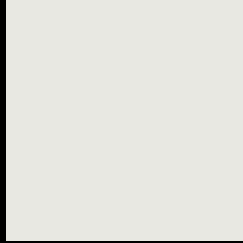
Large Text (above 18pt) WCAG AA × Fail

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 231.3160, -2.6208, 0.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

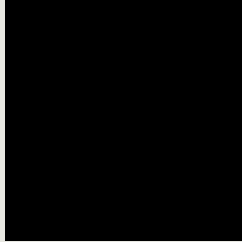
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

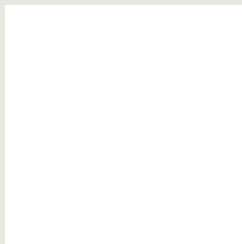
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.3160, -2.6208, 0.5999

Background



This preview shows how black text looks on a background with the YUV color 231.3160, -2.6208, 0.5999.



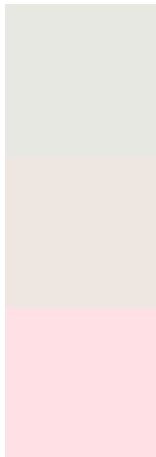
This preview shows how white text looks on a background with the YUV color 231.3160, -2.6208,

0.5999.

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

231.3160, -2.6208, 0.5999

Protanopia

231.5230, -3.2158, 4.8033

Deuteranopia

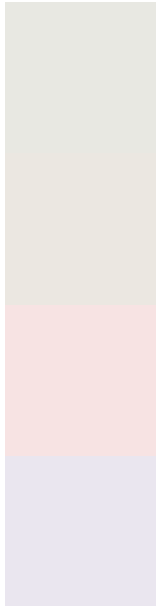
233.7250, -2.8224, 18.6582



Tritanopia

232.8460, 6.9779, 1.8891

Trichromacy



Original Color

231.3160, -2.6208, 0.5999

Protanomaly

231.5120, -3.2104, 3.0590

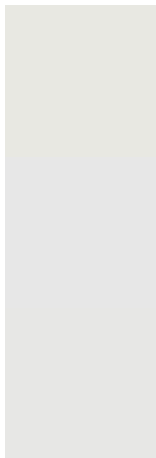
Deuteranomaly

232.9800, -2.9481, 12.2955

Tritanomaly

232.2220, 3.3416, 1.5593

Monochromacy



Original Color

231.3160, -2.6208, 0.5999

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3160, -2.6208, 0.5999 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 226) }
```

Border

The CSS property to change the border of an element to YUV 231.3160, -2.6208, 0.5999 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, 226) }
```


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

```
.border{ border-color:rgb(232, 232, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 231.3160, -2.6208, 0.5999 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, 226) }
```

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

```
.background{ background-color: rgb(232,  
232, 226) }
```

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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