

Converting Colors

YUV(230.6800, -1.3212, 3.7886)

Have a look what the booklet for
YUV(230.6800, -1.3212, 3.7886)
contains.

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Color

**YUV(230.6800, -1.3212,
3.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE5E4
RGB	235, 229, 228
RGB Percent	92%, 90%, 89%
CMY	0.0784, 0.1020, 0.1059
CMYK	0.00, 0.03, 0.03, 0.08
HSL	9°, 15%, 91%
HSV	9°, 3%, 92%
XYZ	76.2839, 79.3022, 84.6851
YIQ	230.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

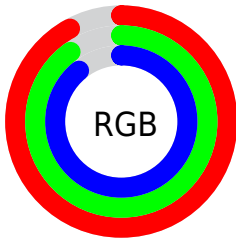
Format	Color
R_{YB}	235, 229, 228
Decimal	15459812
CIE Lab	91.37, 1.85, 1.20
CIE LCh	91, 2.206, 32.808
Yxy	79.3022, 0.3175, 0.3301
Android (android.graphics.Color)	4293649892 (0xFFEBE5E4)
YUV	230.6800, -1.3212, 3.7886
Hunter-Lab	89.0518, -2.9334, 5.9536

Details

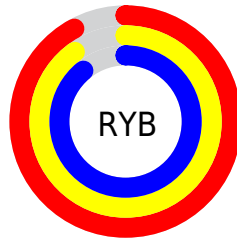
The YUV color $230.6800, -1.3212, 3.7886$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.3200, 1.3212, -3.7886$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.3810, -1.1738, 3.1739$ is the 20% darker color. If you saturate the color by 10%, you get $216.3180, -5.5798, 16.3841$, and if you desaturate by 10%, it is $245.1560, 3.3741, -8.9068$.

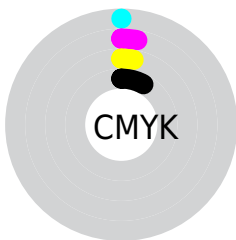
Distribution



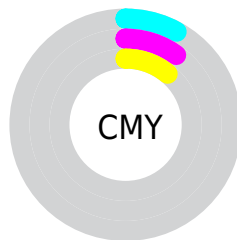
- Red (92%)
- Green (90%)
- Blue (89%)



- Red (92%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.6800, -1.3212, 3.7886 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 230.6800, -1.3212, 3.7886 by changing the saturation by 10% instead.

■ 230.6800, -1.3212,
3.7886

■ 230.6800, -1.3212,
3.7886

255.0000, 0.0000,
0.0000

■ 202.6800, -1.3212,
3.7886

■ 175.3810, -1.1738,
3.1739

■ 148.6800, -1.3212,
3.7886

■ 122.6800, -1.3212,
3.7886

■ 98.3810, -1.1738,
3.1739

■ 74.3810, -1.1738,
3.1739

■ 51.4950, -0.7370,

3.0739

■ 30.4950, -0.7370,
3.0739

■ 5.2780, -1.6161,
5.0182

■ 230.6800, -1.3212,
3.7886

■ 230.6800, -1.3212,
3.7886

■ 216.3180, -5.5798,
16.3841

■ 245.1560, 3.3741,
-8.9068

■ 201.8420,
-10.2751, 29.0796

■ 249.0200, 2.9481,
-12.2955

■ 187.4800,
-14.5336, 41.6750

■ 172.4170,
-18.9396, 54.8853

■ 158.0550,
-23.1981, 67.4808

■ 143.5790,
-27.8934, 80.1762

■ 129.2170,
-32.1520, 92.7717

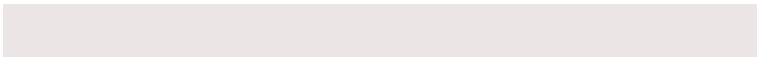
■ 114.7410,
-36.8473, 105.4671

■ 100.3790,
-41.1058, 118.0626

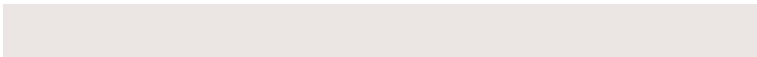
Harmonies

Analogous

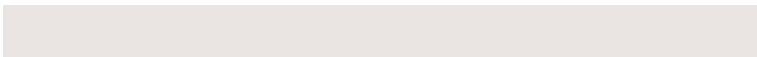
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.9080, -0.4476, 3.5887



230.6800, -1.3212, 3.7886



230.2670, -1.6106, 3.2738

Triad

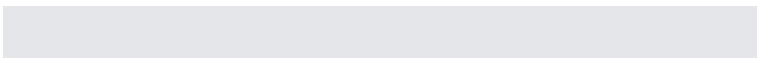
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.6800, -1.3212, 3.7886



229.4620, -0.7208, -2.1592



229.8580, 2.0420, -1.6295

Complementary

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



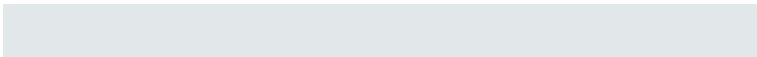
230.6800, -1.3212, 3.7886



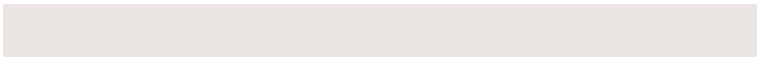
232.3200, 1.3212, -3.7886

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.



229.8470, 2.0474, -3.3738



230.6800, -1.3212, 3.7886



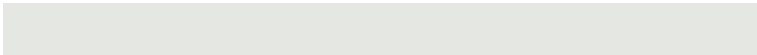
229.9780, 0.0108, -3.4887

Square

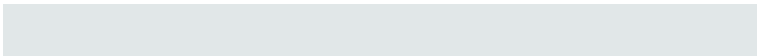
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



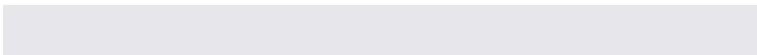
230.6800, -1.3212, 3.7886



229.9460, -1.4524, -0.8296



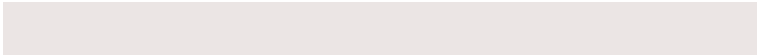
229.3200, 1.3212, -3.7886



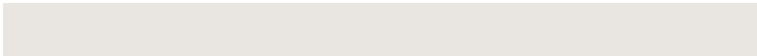
230.7550, 1.5998, 0.2149

Rectangle

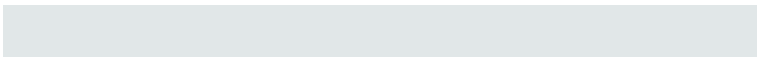
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



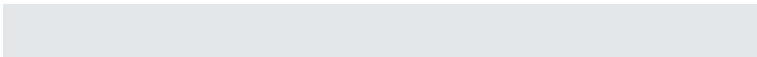
230.6800, -1.3212, 3.7886



230.4410, -2.1894, 2.2442



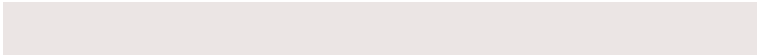
229.3200, 1.3212, -3.7886



230.4450, 1.7526, -2.1443

Sweetspot

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



230.6800, -1.3212, 3.7886



253.4840, -0.7316, 1.3295



230.7770, 1.5889, 3.7036



126.5980, -0.2948, 1.2296



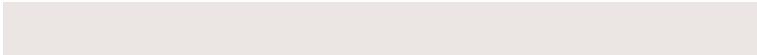
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

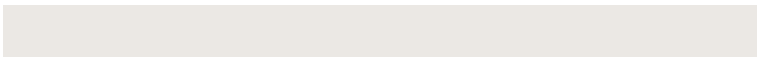
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6800, -1.3212, 3.7886



248.5770, -1.7635, 5.6330



232.4410, -2.1894, 2.2442



113.3810, -1.1738, 3.1739



69.3810, -34.2048, 97.8899



20.8420, -10.2751, 29.0796

Inverse Universe

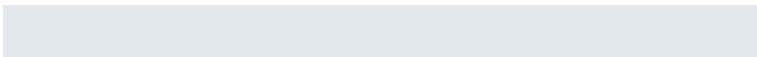
The Inverse Universe completely reimagines the original color for something new.



232.3200, 1.3212, -3.7886



251.4230, 1.7635, -5.6330



230.5590, 2.1894, -2.2442



114.6190, 1.1738, -3.1739



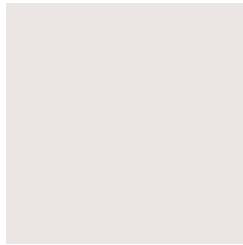
111.6190, 34.2048, -97.8899



33.1580, 10.2751, -29.0796

Previews

White Background



This preview shows how the YUV color 230.6800, -1.3212, 3.7886 looks on a white background.

Color Contrast Check

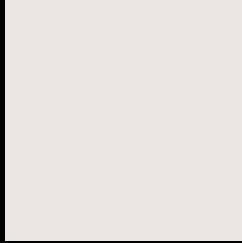
Large Text (above 18pt) WCAG AA × Fail

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 230.6800, -1.3212, 3.7886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

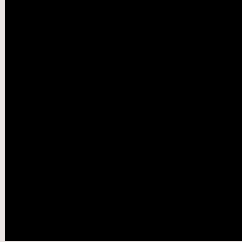
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

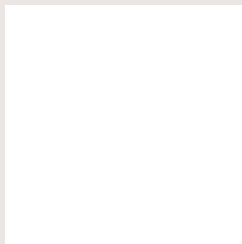
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.6800, -1.3212, 3.7886

Background



This preview shows how black text looks on a background with the YUV color 230.6800, -1.3212, 3.7886.



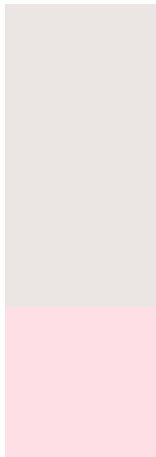
This preview shows how white text looks on a background with the YUV color 230.6800, -1.3212,

3.7886.

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

230.6800, -1.3212, 3.7886

Protanopia

230.6800, -1.3212, 3.7886

Deuteranopia

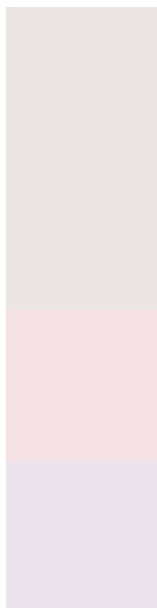
232.6540, -1.8014, 17.8434



Tritanopia

231.3410, 6.2409, 4.9629

Trichromacy



Original Color

230.6800, -1.3212, 3.7886

Protanomaly

230.6800, -1.3212, 3.7886

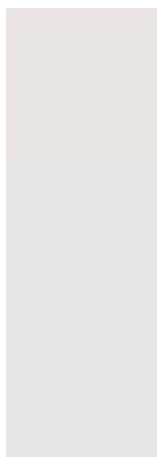
Deuteranomaly

231.7350, -1.3484, 12.5104

Tritanomaly

230.9450, 3.4781, 4.4332

Monochromacy



Original Color

230.6800, -1.3212, 3.7886

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.6800, -1.3212, 3.7886 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(235, 229, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 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(235, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 228) }
```

Border

The CSS property to change the border of an element to YUV 230.6800, -1.3212, 3.7886 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(235, 229, 228) }
```


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

```
.border{ border-color:rgb(235, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 229,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 230.6800, -1.3212, 3.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 228) }
```

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

```
.background{ background-color: rgb(235,  
229, 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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