

Converting Colors

YUV(227.3380, -2.6316, 4.0886)

Have a look what the booklet for
YUV(227.3380, -2.6316, 4.0886)
contains.

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Color

**YUV(227.3380, -2.6316,
4.0886)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2DE
RGB	232, 226, 222
RGB Percent	91%, 89%, 87%
CMY	0.0902, 0.1137, 0.1294
CMYK	0.00, 0.03, 0.04, 0.09
HSL	24°, 18%, 89%
HSV	24°, 4%, 91%
XYZ	73.6599, 76.8224, 80.0532
YIQ	227.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

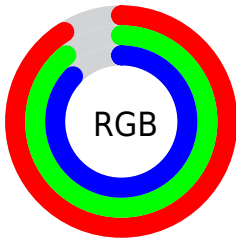
Format	Color
RYB	232, 229, 222
Decimal	15262430
CIELab	90.24, 1.34, 2.66
CIELCh	90, 2.979, 63.291
Yxy	76.8224, 0.3195, 0.3332
Android (android.graphics.Color)	4293452510 (0xFFE8E2DE)
YUV	227.3380, -2.6316, 4.0886
Hunter-Lab	87.6484, -3.3730, 7.2017

Details

The YUV color $227.3380, -2.6316, 4.0886$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.6620, 2.6316, -4.0886$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.0390, -2.4842, 3.4738$ is the 20% darker color. If you saturate the color by 10%, you get $216.4980, -8.6265, 13.5953$, and if you desaturate by 10%, it is $238.1780, 3.3632, -5.4181$.

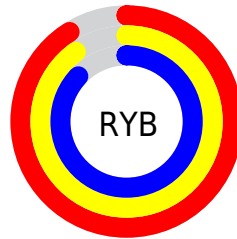
Distribution



Red (91%)

Green (89%)

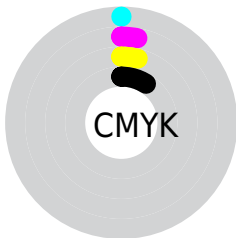
Blue (87%)



Red (91%)

Yellow (90%)

Blue (87%)

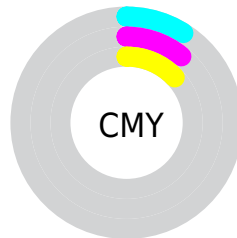


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3380, -2.6316, 4.0886 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 227.3380, -2.6316, 4.0886 by changing the saturation by 10% instead.

■ 227.3380, -2.6316,
4.0886

■ 227.3380, -2.6316,
4.0886

255.0000, 0.0000,
0.0000

■ 199.3380, -2.6316,
4.0886

■ 172.0390, -2.4842,
3.4738

■ 145.4520, -2.1948,
3.9886

■ 120.0390, -2.4842,
3.4738

■ 95.1530, -2.0474,
3.3738

■ 71.1530, -2.0474,
3.3738

■ 48.8540, -1.9000,

2.7590

■ 27.8540, -1.9000,
2.7590

■ 1.4950, -0.7370,
3.0739

■ 227.3380, -2.6316,
4.0886

■ 227.3380, -2.6316,
4.0886

■ 216.4980, -8.6265,
13.5953

■ 238.1780, 3.3632,
-5.4181

■ 205.6580,
-14.6214, 23.1019

■ 247.5360, 3.6798,
-13.6251

■ 194.7040,
-21.0531, 32.7086

■ 248.1230, 3.3904,
-14.1399

■ 183.8640,
-27.0480, 42.2153

■ 173.0240,
-33.0428, 51.7220

■ 162.1840,
-39.0377, 61.2286

■ 151.9310,
-45.3220, 70.2205

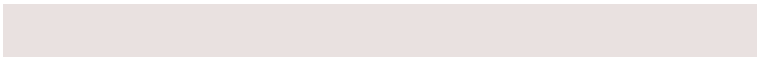
■ 140.9770,
-51.7537, 79.8272

■ 130.1370,
-57.7485, 89.3339

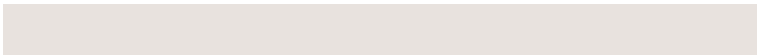
Harmonies

Analogous

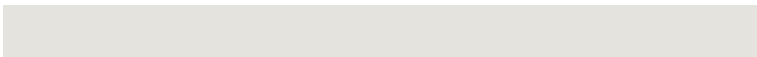
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2780, -1.6161, 5.0182



227.3380, -2.6316, 4.0886



226.9140, -2.9156, 1.8294

Triad

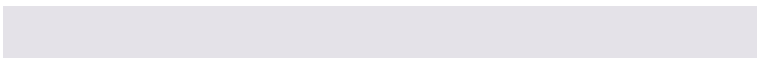
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.3380, -2.6316, 4.0886



226.3800, 0.3057, -4.7183



227.2820, 2.3260, 0.6297

Complementary

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



227.3380, -2.6316, 4.0886



226.6620, 2.6316, -4.0886

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.



227.0860, 2.9156, -1.8294



227.3380, -2.6316, 4.0886



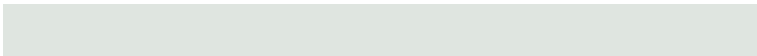
226.4230, 1.7635, -5.6330

Square

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



227.3380, -2.6316, 4.0886



226.6360, -1.2995, -3.1888



226.6620, 2.6316, -4.0886



227.3640, 1.2995, 3.1888

Rectangle

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



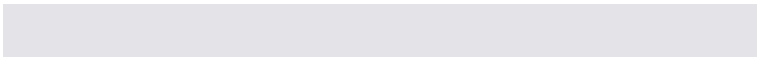
227.3380, -2.6316, 4.0886



227.0170, -2.4734, -0.0149



226.6620, 2.6316, -4.0886



227.5700, 2.1840, -0.4999

Sweetspot

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



227.3380, -2.6316, 4.0886



253.4840, -0.7316, 1.3295



225.6740, 1.1467, 5.5479



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000



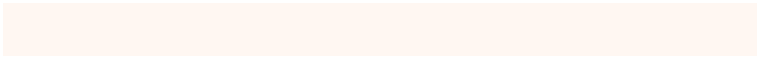
128.0000, 0.0000, 0.0000

Same Dimension

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



227.3380, -2.6316, 4.0886



248.8220, -3.3632, 5.4181



230.2730, -4.0786, 1.5146



111.8540, -1.9000, 2.7590



95.1980, -46.9326, 73.4944



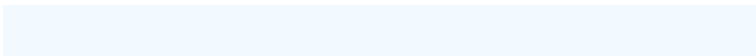
26.9890, -13.3056, 21.0576

Inverse Universe

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



226.6620, 2.6316, -4.0886



248.1780, 3.3632, -5.4181



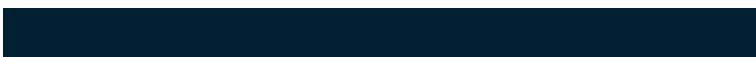
223.7270, 4.0786, -1.5146



111.1460, 1.9000, -2.7590



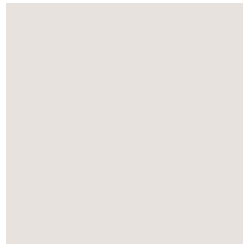
83.2150, 47.2220, -72.9796



24.0110, 13.3056, -21.0576

Previews

White Background



This preview shows how the YUV color 227.3380, -2.6316, 4.0886 looks on a white background.

Color Contrast Check

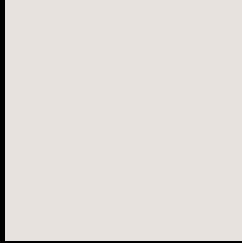
Large Text (above 18pt) WCAG AA × Fail

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 227.3380, -2.6316, 4.0886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

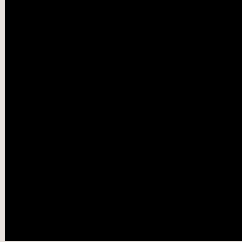
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

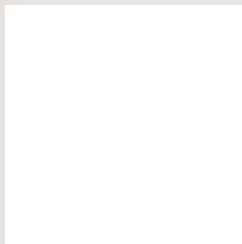
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.3380, -2.6316, 4.0886

Background



This preview shows how black text looks on a background with the YUV color 227.3380, -2.6316, 4.0886.



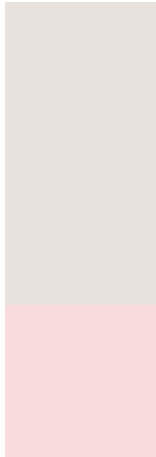
This preview shows how white text looks on a background with the YUV color 227.3380, -2.6316,

4.0886.

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

227.3380, -2.6316, 4.0886

Protanopia

227.3380, -2.6316, 4.0886

Deuteranopia

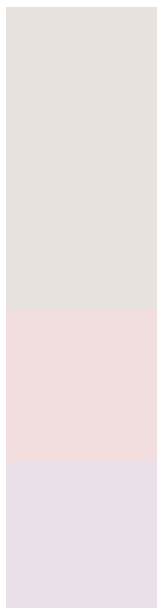
229.3120, -3.1118, 18.1434



Tritanopia

228.6400, 6.0935, 5.5777

Trichromacy



Original Color

227.3380, -2.6316, 4.0886

Protanomaly

227.3380, -2.6316, 4.0886

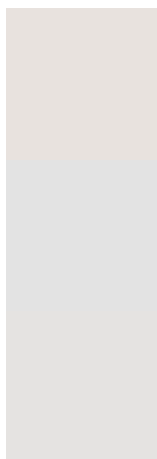
Deuteranomaly

228.3930, -2.6587, 12.8103

Tritanomaly

228.1300, 2.8939, 5.1480

Monochromacy



Original Color

227.3380, -2.6316, 4.0886

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.3700, -1.1684, 1.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3380, -2.6316, 4.0886 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, 226, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 222)  
}
```

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, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 222) }
```

Border

The CSS property to change the border of an element to YUV 227.3380, -2.6316, 4.0886 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, 226, 222) }
```


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

```
.border{ border-color:rgb(232, 226, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 227.3380, -2.6316, 4.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 222) }
```

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

```
.background{ background-color: rgb(232,  
226, 222) }
```

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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