

Converting Colors

YUV(228.2470, -8.0098, 2.4144)

Have a look what the booklet for
YUV(228.2470, -8.0098, 2.4144)
contains.

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Color

**YUV(228.2470, -8.0098,
2.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E6D4
RGB	231, 230, 212
RGB Percent	91%, 90%, 83%
CMY	0.0941, 0.0980, 0.1686
CMYK	0.00, 0.00, 0.08, 0.09
HSL	57°, 28%, 87%
HSV	57°, 8%, 91%
XYZ	73.1355, 78.3360, 73.5531
YIQ	228.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

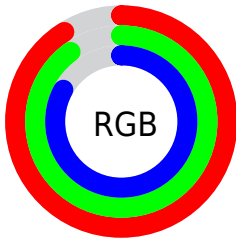
Format	Color
R _Y B	213, 231, 212
Decimal	15197908
CIE Lab	90.93, -2.74, 8.88
CIE LCh	91, 9.294, 107.154
Yxy	78.3360, 0.3250, 0.3481
Android (android.graphics.Color)	4293387988 (0xFFE7E6D4)
YUV	228.2470, -8.0098, 2.4144
Hunter-Lab	88.5076, -7.3906, 12.6832

Details

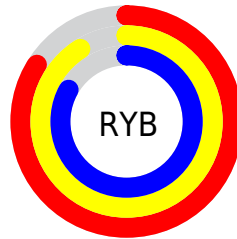
The YUV color $228.2470, -8.0098, 2.4144$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.7530, 8.0098, -2.4144$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9480, -7.8624, 1.7996$ is the 20% darker color. If you saturate the color by 10%, you get $225.0380, -17.7667, 5.2287$, and if you desaturate by 10%, it is $231.4560, 1.7472, -0.3999$.

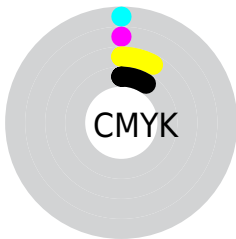
Distribution



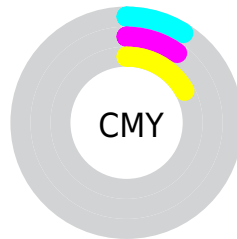
- Red (91%)
- Green (90%)
- Blue (83%)



- Red (84%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2470, -8.0098, 2.4144 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 228.2470, -8.0098, 2.4144 by changing the saturation by 10% instead.

■ 228.2470, -8.0098,
2.4144

■ 228.2470, -8.0098,
2.4144

255.0000, 0.0000,
0.0000

■ 200.2470, -8.0098,
2.4144

■ 172.9480, -7.8624,
1.7996

■ 146.3610, -7.5730,
2.3144

■ 120.4750, -7.1362,
2.2144

■ 95.5890, -6.6994,
2.1144

■ 72.2900, -6.5520,
1.4997

■ 49.4040, -6.1152,

1.3997

■ 28.5180, -5.6784,
1.2997

■ 2.9350, -1.4470,
-2.5740

■ 228.2470, -8.0098,
2.4144

■ 228.2470, -8.0098,
2.4144

■ 225.0380,
-17.7667, 5.2287

■ 231.4560, 1.7472,
-0.3999

■ 221.8290,
-27.5237, 8.0430

■ 234.3230, 10.1938,
-2.9143

■ 218.0330,
-36.9913, 11.3721

■ 235.4970, 9.6150,
-3.9439

■ 214.8240,
-46.7482, 14.1864

■ 236.0840, 9.3256,
-4.4587

■ 211.6150,
-56.5052, 17.0006

■ 236.6710, 9.0362,
-4.9735

■ 208.2920,
-66.6990, 19.9149

■ 237.2580, 8.7468,
-5.4883

■ 204.4960,
-76.1665, 23.2440

■ 238.4320, 8.1680,
-6.5179

■ 201.2870,
-85.9235, 26.0583

■ 239.0190, 7.8786,
-7.0327

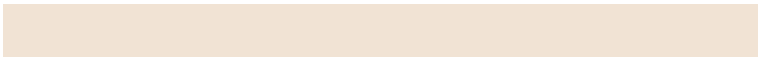
■ 198.0780,
-95.6805, 28.8726

■ 239.6060, 7.5892,
-7.5475

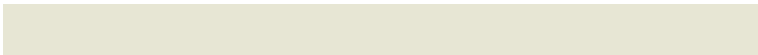
Harmonies

Analogous

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



229.4760, -8.6157, 10.1065



228.2470, -8.0098, 2.4144



227.5880, -5.2199, -5.7777

Triad

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



228.2470, -8.0098, 2.4144



226.8500, 7.4690, -15.6544



230.7180, 1.1250, 12.5253

Complementary

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



228.2470, -8.0098, 2.4144



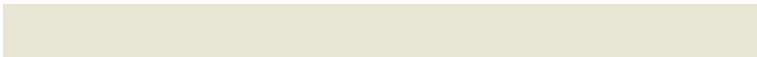
214.7530, 8.0098, -2.4144

Split Complementary

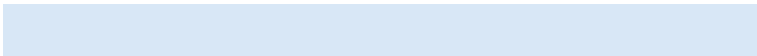
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.4120, 5.2199, 5.7777



228.2470, -8.0098, 2.4144



228.2250, 8.7631, -10.7213

Square

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



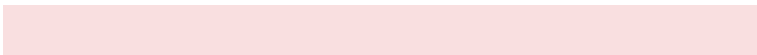
228.2470, -8.0098, 2.4144



225.9270, 3.9800, -16.5990



229.4540, 8.1572, -3.0292



230.8880, -3.3958, 15.8842

Rectangle

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



228.2470, -8.0098, 2.4144



226.6520, -2.2934, -11.0958



229.4540, 8.1572, -3.0292



231.0490, 2.4408, 10.4810

Sweetspot

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



228.2470, -8.0098, 2.4144



254.4300, -2.1840, 0.4999



217.7950, -2.3639, 11.5808



127.0710, -1.0210, 0.8147



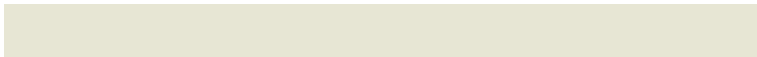
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



228.2470, -8.0098, 2.4144



251.5630, -10.6306, 3.0142



226.4420, -7.1199, -3.0186



113.0450, -4.9522, 1.7145



152.7240, -75.2929, 23.0441



43.4250, -21.4085, 6.6433

Inverse Universe

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



214.7530, 8.0098, -2.4144



233.4370, 10.6306, -3.0142



216.5580, 7.1199, 3.0186



104.9550, 4.9522, -1.7145



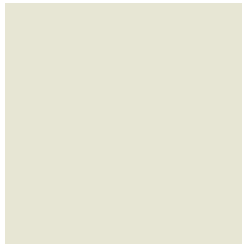
25.6890, 75.5823, -22.5293



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 228.2470, -8.0098, 2.4144 looks on a white background.

Color Contrast Check

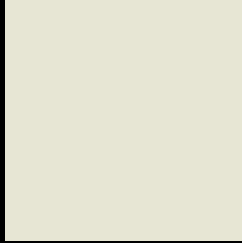
Large Text (above 18pt) WCAG AA × Fail

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 228.2470, -8.0098, 2.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

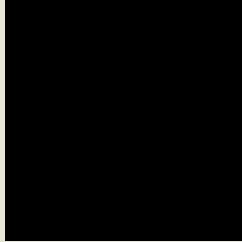
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

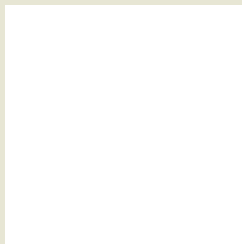
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.2470, -8.0098, 2.4144

Background



This preview shows how black text looks on a background with the YUV color 228.2470, -8.0098, 2.4144.



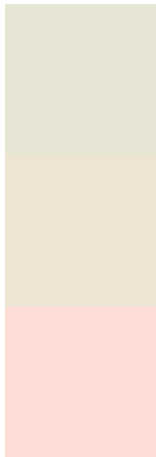
This preview shows how white text looks on a background with the YUV color 228.2470, -8.0098,

2.4144.

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

228.2470, -8.0098, 2.4144

Protanopia

228.7530, -8.7522, 7.2326

Deuteranopia

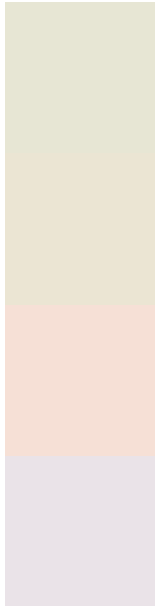
230.4820, -7.6326, 21.5023



Tritanopia

230.3410, 6.2409, 4.9629

Trichromacy



Original Color

228.2470, -8.0098, 2.4144

Protanomaly

228.7420, -8.7468, 5.4883

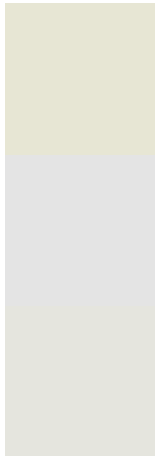
Deuteranomaly

229.4380, -7.6109, 14.5249

Tritanomaly

229.6630, 1.1521, 3.8035

Monochromacy



Original Color

228.2470, -8.0098, 2.4144

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2020, -3.0576, 0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2470, -8.0098, 2.4144 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(231, 230, 212)` looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 212)  
}
```

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(231, 230, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 212) }
```

Border

The CSS property to change the border of an element to YUV 228.2470, -8.0098, 2.4144 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(231, 230, 212) }
```


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

```
.border{ border-color:rgb(231, 230, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 230, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 212);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 228.2470, -8.0098, 2.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 212) }
```

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

```
.background{ background-color: rgb(231,  
230, 212) }
```

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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