

Converting Colors

YUV(235.2240, -3.0684, 4.1886)

Have a look what the booklet for
YUV(235.2240, -3.0684, 4.1886)
contains.

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Color

**YUV(235.2240, -3.0684,
4.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EAE5
RGB	240, 234, 229
RGB Percent	94%, 92%, 90%
CMY	0.0588, 0.0824, 0.1020
CMYK	0.00, 0.03, 0.05, 0.06
HSL	27°, 27%, 92%
HSV	27°, 5%, 94%
XYZ	79.5009, 83.0280, 85.9646
YIQ	235.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

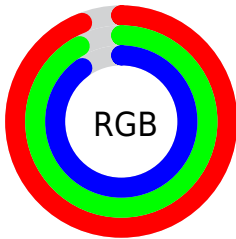
Format	Color
R _Y B	240, 238, 229
Decimal	15788773
CIE Lab	93.03, 1.16, 3.13
CIE LCh	93, 3.336, 69.675
Yxy	83.0280, 0.3199, 0.3341
Android (android.graphics.Color)	4293978853 (0xFFFF0EAE5)
YUV	235.2240, -3.0684, 4.1886
Hunter-Lab	91.1197, -3.7204, 7.8482

Details

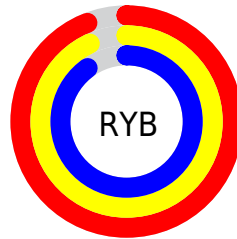
The YUV color $235.2240, -3.0684, 4.1886$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.7760, 3.0684, -4.1886$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.3380, -2.6316, 4.0886$ is the 20% darker color. If you saturate the color by 10%, you get $224.8570, -9.7895, 13.2804$, and if you desaturate by 10%, it is $245.5910, 3.6526, -4.9033$.

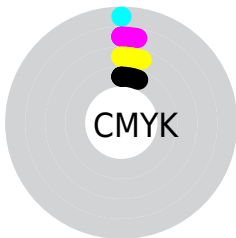
Distribution



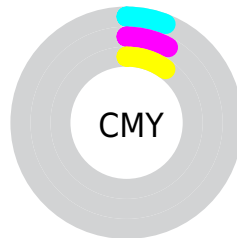
- Red (94%)
- Green (92%)
- Blue (90%)



- Red (94%)
- Yellow (93%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2240, -3.0684, 4.1886 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 235.2240, -3.0684, 4.1886 by changing the saturation by 10% instead.

■ 235.2240, -3.0684,
4.1886

■ 235.2240, -3.0684,
4.1886

255.0000, 0.0000,
0.0000

■ 207.2240, -3.0684,
4.1886

■ 179.3380, -2.6316,
4.0886

■ 152.9250, -2.9210,
3.5738

■ 126.9250, -2.9210,
3.5738

■ 102.0390, -2.4842,
3.4738

■ 78.0390, -2.4842,
3.4738

■ 55.0390, -2.4842,

3.4738

■ 33.7400, -2.3368,
2.8590

■ 10.9960, -3.9420,
4.3885

■ 235.2240, -3.0684,
4.1886

■ 235.2240, -3.0684,
4.1886

■ 224.8570, -9.7895,
13.2804

■ 245.5910, 3.6526,
-4.9033

■ 214.4900,
-16.5106, 22.3723

■ 250.5150, 2.2111,
-9.2217

■ 204.1230,
-23.2316, 31.4641

■ 193.7560,
-29.9527, 40.5560

■ 183.3890,
-36.6738, 49.6478

■ 172.4350,
-43.1055, 59.2545

■ 162.0680,
-49.8265, 68.3464

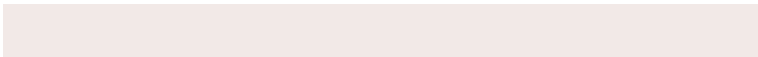
■ 151.7010,
-56.5476, 77.4382

■ 141.3340,
-63.2687, 86.5301

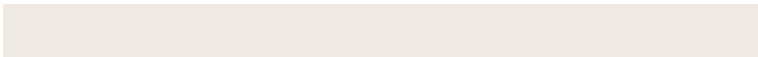
Harmonies

Analogous

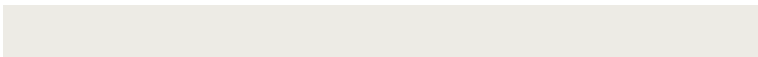
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.4630, -2.2003, 5.7329



235.2240, -3.0684, 4.1886



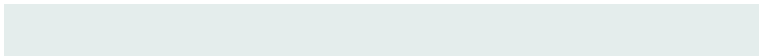
234.9140, -2.9156, 1.8294

Triad

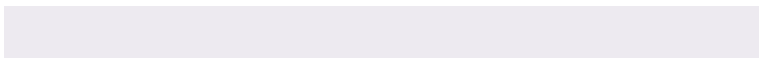
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.2240, -3.0684, 4.1886



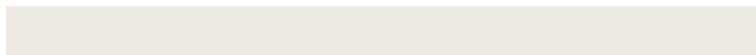
234.1950, 0.8899, -5.4330



235.5810, 2.1786, 1.2445

Complementary

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



235.2240, -3.0684, 4.1886



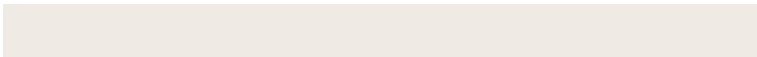
233.7760, 3.0684, -4.1886

Split Complementary

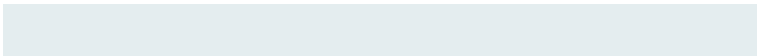
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0860, 2.9156, -1.8294



235.2240, -3.0684, 4.1886



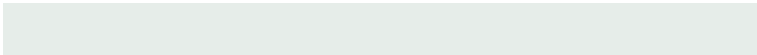
234.5370, 2.2003, -5.7329

Square

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



235.2240, -3.0684, 4.1886



234.4510, -0.7153, -3.9035



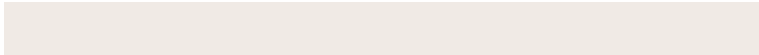
234.7760, 3.0684, -4.1886



235.5490, 0.7153, 3.9035

Rectangle

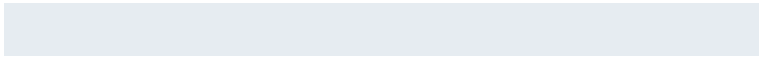
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.2240, -3.0684, 4.1886



234.6040, -2.7628, -0.5297



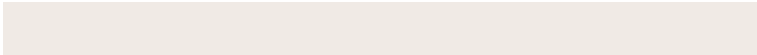
234.7760, 3.0684, -4.1886



235.3960, 2.7628, 0.5297

Sweetspot

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



235.2240, -3.0684, 4.1886



254.0710, -1.0210, 0.8147



232.9730, 0.9993, 6.1627



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000



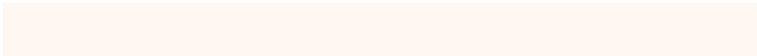
128.0000, 0.0000, 0.0000

Same Dimension

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



235.2240, -3.0684, 4.1886



249.4090, -3.6526, 4.9033



238.1590, -4.5154, 1.6146



116.8540, -1.9000, 2.7590



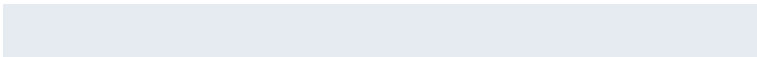
103.7370, -51.1423, 70.3907



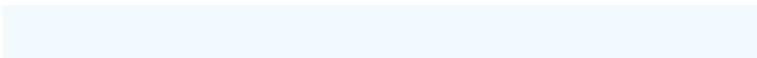
31.4190, -15.4896, 21.5575

Inverse Universe

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



233.7760, 3.0684, -4.1886



247.5910, 3.6526, -4.9033



230.8410, 4.5154, -1.6146



116.1460, 1.9000, -2.7590



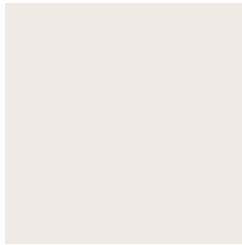
79.6760, 51.4317, -69.8759



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 235.2240, -3.0684, 4.1886 looks on a white background.

Color Contrast Check

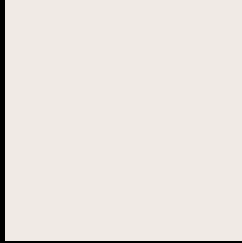
Large Text (above 18pt) WCAG AA × Fail

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 235.2240, -3.0684, 4.1886 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

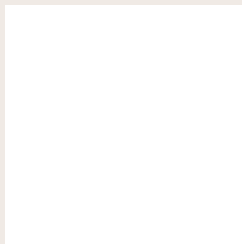
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.2240, -3.0684, 4.1886

Background



This preview shows how black text looks on a background with the YUV color 235.2240, -3.0684, 4.1886.



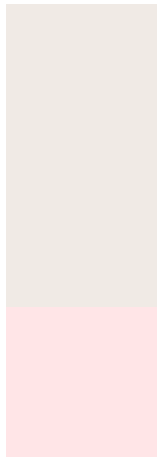
This preview shows how white text looks on a background with the YUV color 235.2240, -3.0684,

4.1886.

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

235.2240, -3.0684, 4.1886

Protanopia

235.2240, -3.0684, 4.1886

Deuteranopia

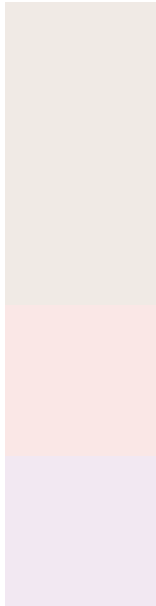
237.0020, -2.9590, 15.7842



Tritanopia

236.6400, 6.0935, 5.5777

Trichromacy



Original Color

235.2240, -3.0684, 4.1886

Protanomaly

235.2240, -3.0684, 4.1886

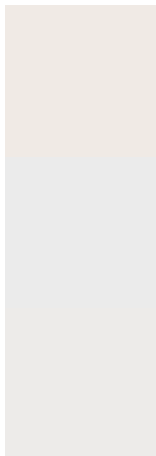
Deuteranomaly

236.5670, -3.2375, 11.7807

Tritanomaly

236.1300, 2.8939, 5.1480

Monochromacy



Original Color

235.2240, -3.0684, 4.1886

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.3700, -1.1684, 1.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2240, -3.0684, 4.1886 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(240, 234, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 234, 229)  
}
```

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(240, 234, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 234, 229) }
```

Border

The CSS property to change the border of an element to YUV 235.2240, -3.0684, 4.1886 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(240, 234, 229) }
```


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

```
.border{ border-color:rgb(240, 234, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 234, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 234, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 234, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 234,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 235.2240, -3.0684, 4.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 234, 229) }
```

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

```
.background{ background-color: rgb(240,  
234, 229) }
```

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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