

Converting Colors

YUV(235.0390, -2.4842, 3.4738)

Have a look what the booklet for
YUV(235.0390, -2.4842, 3.4738)
contains.

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Color

**YUV(235.0390, -2.4842,
3.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEAE6
RGB	239, 234, 230
RGB Percent	94%, 92%, 90%
CMY	0.0627, 0.0824, 0.0980
CMYK	0.00, 0.02, 0.04, 0.06
HSL	27°, 22%, 92%
HSV	27°, 4%, 94%
XYZ	79.3023, 82.9095, 86.6864
YIQ	235.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

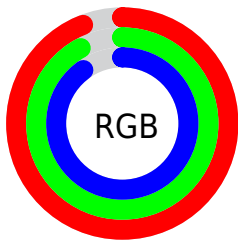
Format	Color
R _Y B	239, 237, 230
Decimal	15723238
CIE Lab	92.97, 0.99, 2.52
CIE LCh	93, 2.710, 68.575
Yxy	82.9095, 0.3186, 0.3331
Android (android.graphics.Color)	4293913318 (0xFFEFAE6)
YUV	235.0390, -2.4842, 3.4738
Hunter-Lab	91.0547, -3.8845, 7.2927

Details

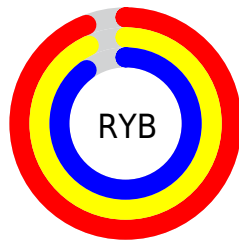
The YUV color $235.0390, -2.4842, 3.4738$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.9610, 2.4842, -3.4738$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.1530, -2.0474, 3.3738$ is the 20% darker color. If you saturate the color by 10%, you get $224.6720, -9.2053, 12.5657$, and if you desaturate by 10%, it is $245.4060, 4.2368, -5.6181$.

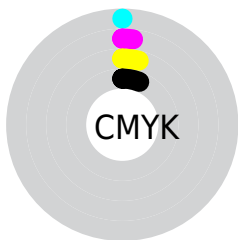
Distribution



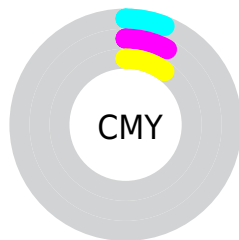
- Red (94%)
- Green (92%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0390, -2.4842, 3.4738 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 235.0390, -2.4842, 3.4738 by changing the saturation by 10% instead.

■ 235.0390, -2.4842,
3.4738

■ 235.0390, -2.4842,
3.4738

255.0000, 0.0000,
0.0000

■ 207.0390, -2.4842,
3.4738

■ 179.1530, -2.0474,
3.3738

■ 152.7400, -2.3368,
2.8590

■ 126.7400, -2.3368,
2.8590

■ 101.7400, -2.3368,
2.8590

■ 77.8540, -1.9000,
2.7590

■ 54.8540, -1.9000,

2.7590

■ 33.5550, -1.7526,
2.1443

■ 10.9250, -2.9210,
3.5738

■ 235.0390, -2.4842,
3.4738

■ 235.0390, -2.4842,
3.4738

■ 224.6720, -9.2053,
12.5657

■ 245.4060, 4.2368,
-5.6181

■ 213.7180,
-15.6370, 22.1723

■ 250.2160, 2.3585,
-9.8364

■ 203.3510,
-22.3580, 31.2642

■ 192.9840,
-29.0791, 40.3560

■ 182.6170,
-35.8002, 49.4479

■ 171.7770,
-41.7951, 58.9546

■ 161.4100,
-48.5161, 68.0464

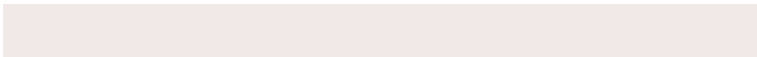
■ 151.0430,
-55.2372, 77.1383

■ 140.0890,
-61.6689, 86.7449

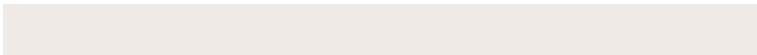
Harmonies

Analogous

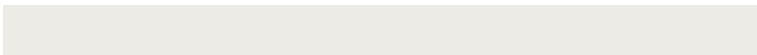
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.2780, -1.6161, 5.0182



235.0390, -2.4842, 3.4738



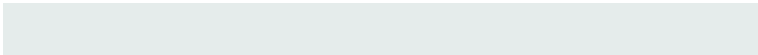
234.7290, -2.3314, 1.1147

Triad

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



235.0390, -2.4842, 3.4738



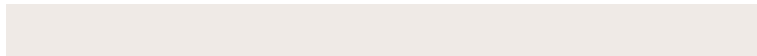
233.7930, 0.5951, -4.2035



235.1680, 1.8892, 0.7297

Complementary

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



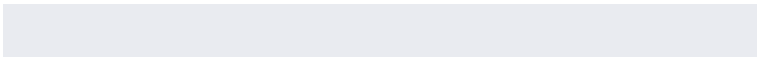
235.0390, -2.4842, 3.4738



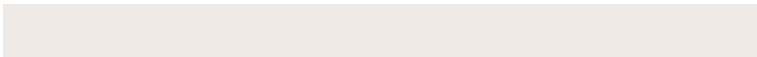
233.9610, 2.4842, -3.4738

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.



234.9720, 2.4788, -1.7294



235.0390, -2.4842, 3.4738



234.1350, 1.9054, -4.5034

Square

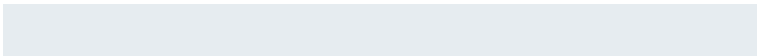
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.0390, -2.4842, 3.4738



234.1630, -0.5734, -2.7740



234.6620, 2.6316, -4.0886



235.2500, 0.8628, 3.2888

Rectangle

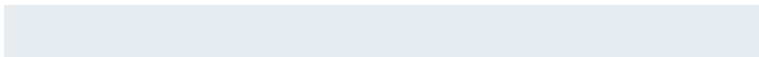
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



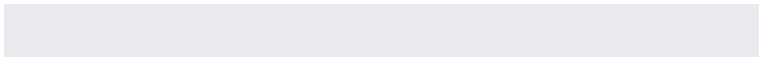
235.0390, -2.4842, 3.4738



234.1310, -2.0366, -0.1149



234.6620, 2.6316, -4.0886



234.8690, 2.0366, 0.1149

Sweetspot

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



235.0390, -2.4842, 3.4738



254.0710, -1.0210, 0.8147



233.2610, 0.8573, 5.0331



127.1850, -0.5842, 0.7148



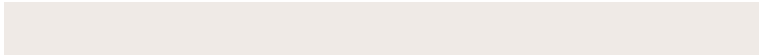
0.0000, 0.0000, 0.0000



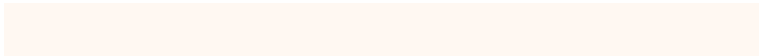
128.0000, 0.0000, 0.0000

Same Dimension

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



235.0390, -2.4842, 3.4738



249.4090, -3.6526, 4.9033



237.3870, -3.6418, 1.4146



116.8540, -1.9000, 2.7590



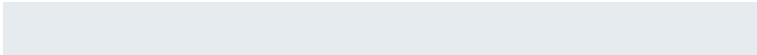
103.1500, -50.8529, 70.9055



31.4190, -15.4896, 21.5575

Inverse Universe

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



233.9610, 2.4842, -3.4738



247.5910, 3.6526, -4.9033



231.6130, 3.6418, -1.4146



116.1460, 1.9000, -2.7590



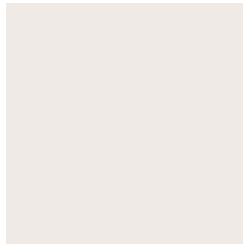
80.8500, 50.8529, -70.9055



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 235.0390, -2.4842, 3.4738 looks on a white background.

Color Contrast Check

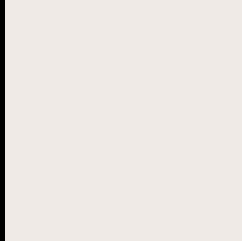
Large Text (above 18pt) WCAG AA × Fail

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 235.0390, -2.4842, 3.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

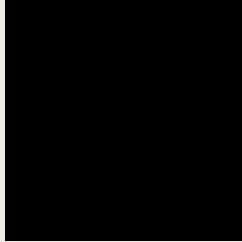
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

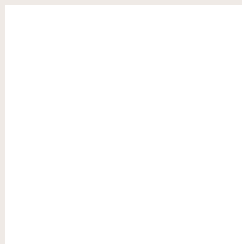
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.0390, -2.4842, 3.4738

Background



This preview shows how black text looks on a background with the YUV color 235.0390, -2.4842, 3.4738.



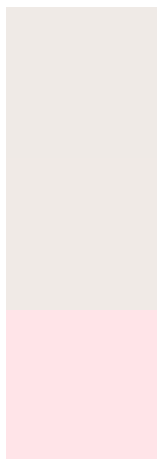
This preview shows how white text looks on a background with the YUV color 235.0390, -2.4842,

3.4738.

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

235.0390, -2.4842, 3.4738

Protanopia

235.3380, -2.6316, 4.0886

Deuteranopia

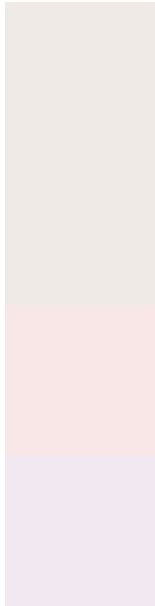
236.5290, -2.2328, 16.1991



Tritanopia

236.3410, 6.2409, 4.9629

Trichromacy



Original Color

235.0390, -2.4842, 3.4738

Protanomaly

235.3380, -2.6316, 4.0886

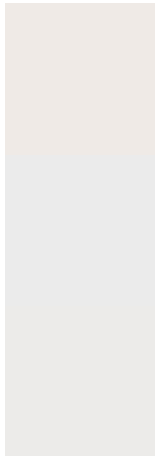
Deuteranomaly

235.7950, -2.3639, 11.5808

Tritanomaly

235.8310, 3.0413, 4.5332

Monochromacy



Original Color

235.0390, -2.4842, 3.4738

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0390, -2.4842, 3.4738 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(239, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 230)  
}
```

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(239, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 230) }
```

Border

The CSS property to change the border of an element to YUV 235.0390, -2.4842, 3.4738 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(239, 234, 230) }
```


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

```
.border{ border-color:rgb(239, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 235.0390, -2.4842, 3.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 230) }
```

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

```
.background{ background-color: rgb(239,  
234, 230) }
```

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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