

Converting Colors

YUV(239.9740, -3.9312, 0.8998)

Have a look what the booklet for
YUV(239.9740, -3.9312, 0.8998)
contains.

YUV(239.9740, -3.9312, 0.8998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(239.9740, -3.9312,
0.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F1E8
RGB	241, 241, 232
RGB Percent	95%, 95%, 91%
CMY	0.0549, 0.0549, 0.0902
CMYK	0.00, 0.00, 0.04, 0.05
HSL	60°, 24%, 93%
HSV	60°, 4%, 95%
XYZ	82.2964, 87.4376, 88.8836
YIQ	239.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

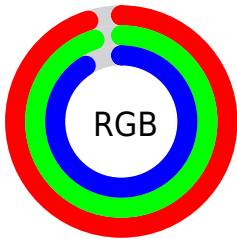
Format	Color
R_{YB}	232, 241, 232
Decimal	15856104
CIE Lab	94.92, -1.56, 4.33
CIE LCh	95, 4.602, 109.803
Yxy	87.4376, 0.3182, 0.3381
Android (android.graphics.Color)	4294046184 (0xFFFF1F1E8)
YUV	239.9740, -3.9312, 0.8998
Hunter-Lab	93.5081, -6.5413, 9.0978

Details

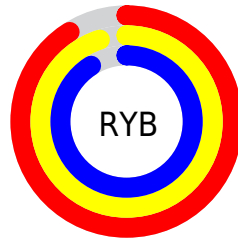
The YUV color $239.9740, -3.9312, 0.8998$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.0260, 3.9312, -0.8998$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.9740, -3.9312, 0.8998$ is the 20% darker color. If you saturate the color by 10%, you get $237.2380, -14.4143, 3.2993$, and if you desaturate by 10%, it is $242.5960, 6.1152, -1.3997$.

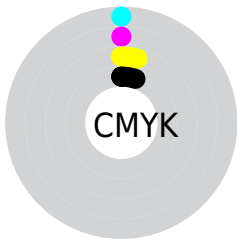
Distribution



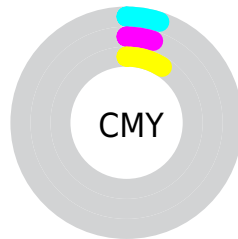
- Red (95%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.9740, -3.9312, 0.8998 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 239.9740, -3.9312, 0.8998 by changing the saturation by 10% instead.

239.9740, -3.9312,
0.8998

239.9740, -3.9312,
0.8998

255.0000, 0.0000,
0.0000

211.9740, -3.9312,
0.8998

183.9740, -3.9312,
0.8998

157.0880, -3.4944,
0.7998

131.0880, -3.4944,
0.7998

106.0880, -3.4944,
0.7998

82.0880, -3.4944,
0.7998

59.2020, -3.0576,

0.6998

■ 37.2020, -3.0576,
0.6998

■ 15.8600, -4.3680,
0.9998

■ 239.9740, -3.9312,
0.8998

■ 239.9740, -3.9312,
0.8998

■ 237.2380,
-14.4143, 3.2993

■ 242.5960, 6.1152,
-1.3997

■ 234.5020,
-24.8975, 5.6987

■ 231.7660,
-35.3806, 8.0982

■ 229.0300,
-45.8638, 10.4977

■ 226.1800,
-56.7837, 12.9971

■ 223.4440,
-67.2669, 15.3966

■ 220.7080,
-77.7500, 17.7961

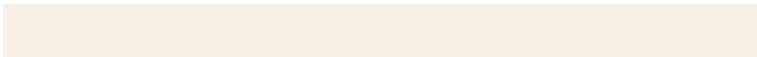
■ 217.9720,
-88.2332, 20.1956

■ 215.2360,
-98.7163, 22.5950

Harmonies

Analogous

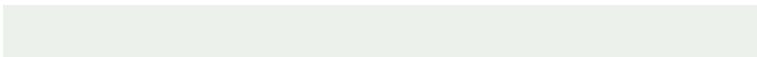
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.8820, -4.3788, 4.4885



239.9740, -3.9312, 0.8998



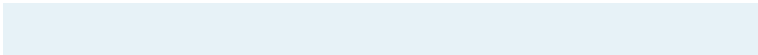
239.4080, -2.1731, -2.9888

Triad

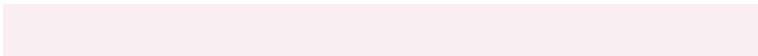
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.9740, -3.9312, 0.8998



239.2810, 3.8055, -7.2624



241.7450, 0.1257, 6.3626

Complementary

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



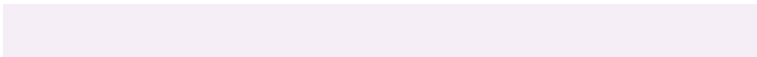
239.9740, -3.9312, 0.8998



233.0260, 3.9312, -0.8998

Split Complementary

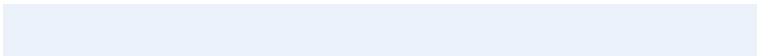
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.0050, 2.4625, 3.5036



239.9740, -3.9312, 0.8998



239.8190, 4.5262, -5.1033

Square

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



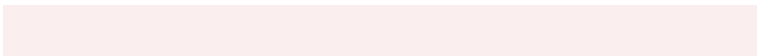
239.9740, -3.9312, 0.8998



239.1130, 1.9163, -7.9921



241.0260, 3.9312, -0.8998



241.5880, -1.7689, 7.3773

Rectangle

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



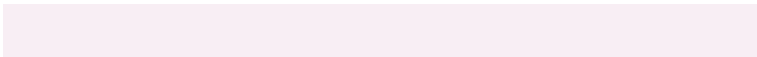
239.9740, -3.9312, 0.8998



239.3260, -1.1467, -5.5479



241.0260, 3.9312, -0.8998



241.6740, 1.1467, 5.5479

Sweetspot

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



239.9740, -3.9312, 0.8998



254.6580, -1.3104, 0.2999



234.6910, -1.3267, 5.5330



127.7720, -0.8736, 0.2000



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.



239.9740, -3.9312, 0.8998



253.8600, -4.3680, 0.9998



238.4790, -3.1941, -2.1741



119.3160, -2.6208, 0.5999



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



233.0260, 3.9312, -0.8998



246.1400, 4.3680, -0.9998



234.2220, 3.3416, 1.5593



114.6840, 2.6208, -0.5999



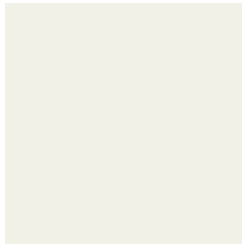
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 239.9740, -3.9312, 0.8998 looks on a white background.

Color Contrast Check

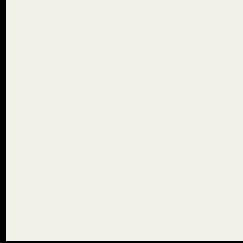
Large Text (above 18pt) WCAG AA × Fail

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 239.9740, -3.9312, 0.8998 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

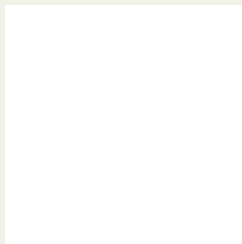
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 239.9740, -3.9312, 0.8998

Background



This preview shows how black text looks on a background with the YUV color 239.9740, -3.9312, 0.8998.



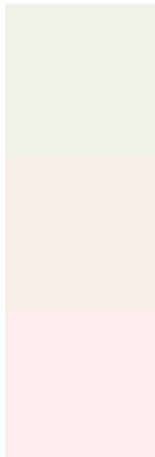
This preview shows how white text looks on a background with the YUV color 239.9740, -3.9312,

0.8998.

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

239.9740, -3.9312, 0.8998

Protanopia

240.4800, -4.6736, 5.7180

Deuteranopia

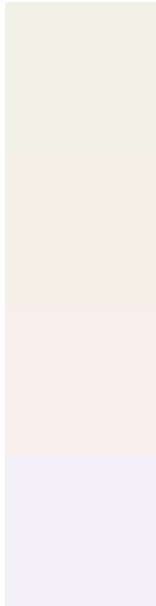
241.7950, -2.3639, 11.5808



Tritanopia

241.7320, 6.5411, 1.9890

Trichromacy



Original Color

239.9740, -3.9312, 0.8998

Protanomaly

240.4690, -4.6682, 3.9737

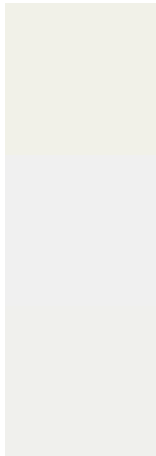
Deuteranomaly

241.2460, -3.0793, 7.6773

Tritanomaly

241.1080, 2.9048, 1.6593

Monochromacy



Original Color

239.9740, -3.9312, 0.8998

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.9740, -3.9312, 0.8998 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(241, 241, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 232)  
}
```

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(241, 241, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 232) }
```

Border

The CSS property to change the border of an element to YUV 239.9740, -3.9312, 0.8998 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(241, 241, 232) }
```


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

```
.border{ border-color:rgb(241, 241, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 239.9740, -3.9312, 0.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 232) }
```

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

```
.background{ background-color: rgb(241,  
241, 232) }
```

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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