

Converting Colors

YUV(233.4380, -11.0619,
1.3699)

Have a look what the booklet for
YUV(233.4380, -11.0619, 1.3699)
contains.

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Color

**YUV(233.4380, -11.0619,
1.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDD3
RGB	235, 237, 211
RGB Percent	92%, 93%, 83%
CMY	0.0784, 0.0706, 0.1725
CMYK	0.01, 0.00, 0.11, 0.07
HSL	65°, 42%, 88%
HSV	65°, 11%, 93%
XYZ	76.3030, 82.9337, 73.6142
YIQ	233.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

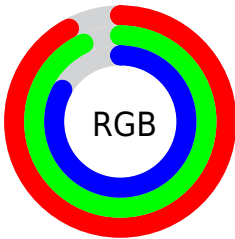
Format	Color
R _Y B	211, 237, 213
Decimal	15461843
CIE Lab	92.99, -5.07, 12.37
CIE LCh	93, 13.368, 112.271
Yxy	82.9337, 0.3277, 0.3562
Android (android.graphics.Color)	4293651923 (0xFFEBEDD3)
YUV	233.4380, -11.0619, 1.3699
Hunter-Lab	91.0679, -9.8093, 15.8208

Details

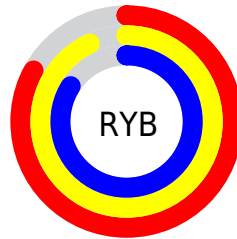
The YUV color $233.4380, -11.0619, 1.3699$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $214.5620, 11.0619, -1.3699$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5520, -10.6251, 1.2699$ is the 20% darker color. If you saturate the color by 10%, you get $230.1040, -21.2503, 2.5398$, and if you desaturate by 10%, it is $236.7720, -0.8736, 0.2000$.

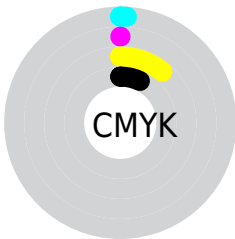
Distribution



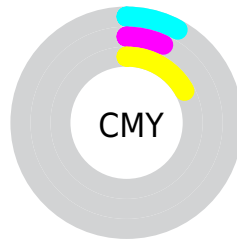
- Red (92%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4380, -11.0619, 1.3699 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 233.4380, -11.0619, 1.3699 by changing the saturation by 10% instead.

■ 233.4380,
-11.0619, 1.3699

■ 233.4380,
-11.0619, 1.3699

255.0000, 0.0000,
0.0000

■ 205.4380,
-11.0619, 1.3699

■ 177.5520,
-10.6251, 1.2699

■ 150.6660,
-10.1883, 1.1699

■ 124.7800, -9.7515,
1.0699

■ 99.8940, -9.3147,
0.9700

■ 76.0080, -8.8779,
0.8700

■ 53.7090, -8.7305,

0.2552

■ 32.1220, -8.4411,
0.7700

■ 9.4140, -4.6411,
-4.7481

■ 233.4380,
-11.0619, 1.3699

■ 233.4380,
-11.0619, 1.3699

■ 230.1040,
-21.2503, 2.5398

■ 236.7720, -0.8736,
0.2000

■ 226.8840,
-31.0018, 3.6097

■ 239.6500, 7.5676,
-0.5700

■ 223.8490,
-41.3376, 5.3944

■ 239.9490, 7.4201,
0.0447

■ 220.5150,
-51.5259, 6.5643

■ 240.5470, 7.1253,
1.2743

■ 217.1810,
-61.7142, 7.7343

■ 241.1450, 6.8305,
2.5038

■ 213.9610,
-71.4658, 8.8042

■ 241.7430, 6.5357,
3.7334

■ 210.6270,
-81.6541, 9.9741

■ 242.3410, 6.2409,
4.9629

■ 207.2930,
-91.8424, 11.1440

■ 242.9390, 5.9461,
6.1925

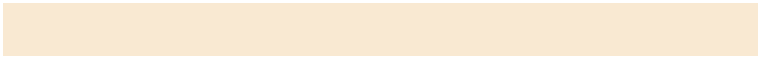
■ 204.6000,
-100.8678, 12.6288

■ 243.2380, 5.7987,
6.8073

Harmonies

Analogous

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



235.1620, -12.4049, 12.1359



233.4380, -11.0619, 1.3699



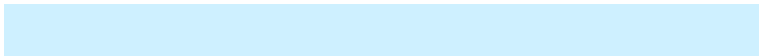
231.6260, -6.2246, -10.1960

Triad

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



233.4380, -11.0619, 1.3699



231.5440, 11.5638, -22.4021



236.1530, 1.4036, 16.5288

Complementary

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



233.4380, -11.0619, 1.3699



214.5620, 11.0619, -1.3699

Split Complementary

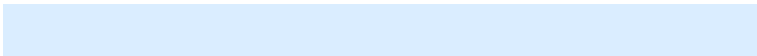
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.4880, 6.6614, 10.0960



233.4380, -11.0619, 1.3699



233.3710, 10.6631, -13.4804

Square

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



233.4380, -11.0619, 1.3699



230.5670, 6.6225, -24.1763



235.5080, 9.6096, -2.1995



235.2580, -4.5642, 17.3137

Rectangle

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



233.4380, -11.0619, 1.3699



231.3200, -2.1298, -16.9436



235.5080, 9.6096, -2.1995



237.1960, 2.8614, 15.6141

Sweetspot

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



233.4380, -11.0619, 1.3699



253.7890, -3.3470, 0.1850



219.9480, -4.4114, 14.9546



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

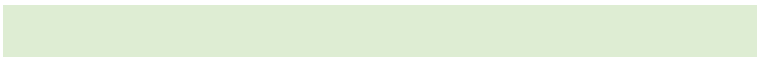
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.4380, -11.0619, 1.3699



250.3410, -13.9721, 1.4549



229.5510, -9.1456, -6.6222



115.4470, -4.6574, 0.4850



156.1800, -76.9967, 9.4891



46.3490, -22.8501, 2.3249

Inverse Universe

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



214.5620, 11.0619, -1.3699



226.3600, 14.1195, -2.0697



218.4490, 9.1456, 6.6222



107.2540, 4.8048, -1.0998



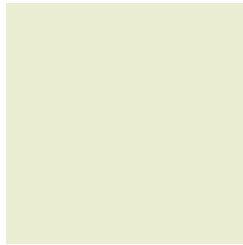
24.8200, 76.9967, -9.4891



7.3520, 22.9975, -2.9397

Previews

White Background



This preview shows how the YUV color 233.4380, -11.0619, 1.3699 looks on a white background.

Color Contrast Check

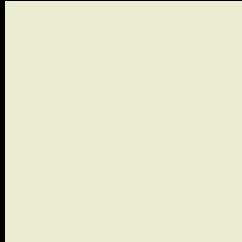
Large Text (above 18pt) WCAG AA × Fail

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 233.4380, -11.0619, 1.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

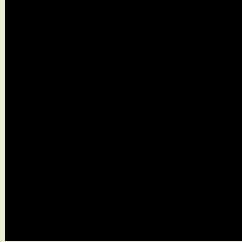
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

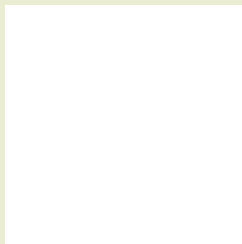
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.4380, -11.0619, 1.3699

Background



This preview shows how black text looks on a background with the YUV color 233.4380, -11.0619, 1.3699.



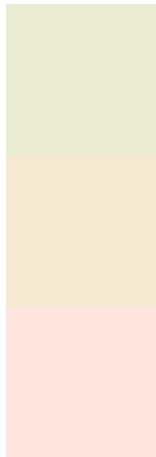
This preview shows how white text looks on a background with the YUV color 233.4380, -11.0619, 1.3699.

1.3699.

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

233.4380, -11.0619, 1.3699

Protanopia

234.4390, -12.5414, 9.2620

Deuteranopia

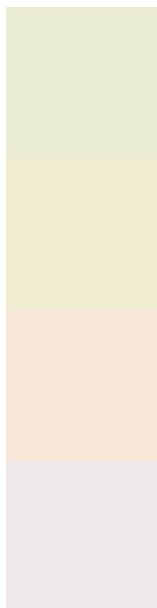
235.8620, -7.3270, 16.7840



Tritanopia

236.1560, 6.8251, 4.2482

Trichromacy



Original Color

233.4380, -11.0619, 1.3699

Protanomaly

233.9440, -11.8044, 6.1881

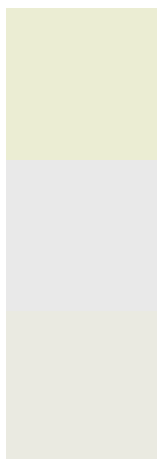
Deuteranomaly

235.0740, -8.9105, 11.3361

Tritanomaly

235.1360, 0.4260, 3.3887

Monochromacy



Original Color

233.4380, -11.0619, 1.3699

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.9740, -3.9312, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4380, -11.0619, 1.3699 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(235, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 211)  
}
```

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(235, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 211) }
```

Border

The CSS property to change the border of an element to YUV 233.4380, -11.0619, 1.3699 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(235, 237, 211) }
```


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

```
.border{ border-color:rgb(235, 237, 211) }
```

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

Here you see how a box with a 4 pixel rgb(235, 237, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 233.4380, -11.0619, 1.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 211) }
```

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

```
.background{ background-color: rgb(235,  
237, 211) }
```

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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