

# Converting Colors

YUV(222.4380, -11.0619,  
1.3699)

Have a look what the booklet for  
YUV(222.4380, -11.0619, 1.3699)  
contains.

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# Color

**YUV(222.4380, -11.0619,  
1.3699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E2C8
RGB	224, 226, 200
RGB Percent	88%, 89%, 78%
CMY	0.1216, 0.1137, 0.2157
CMYK	0.01, 0.00, 0.12, 0.11
HSL	65°, 31%, 84%
HSV	65°, 12%, 89%
XYZ	68.3622, 74.4101, 65.4031
YIQ	222.4380, 7.1540, -8.5100

# Conversions

## Conversions Part 2

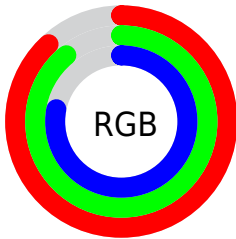
Format	Color
<b>R<sub>YB</sub></b>	200, 226, 202
Decimal	14738120
CIE Lab	89.12, -5.10, 12.48
CIE LCh	89, 13.487, 112.228
Yxy	74.4101, 0.3284, 0.3574
Android (android.graphics.Color)	4292928200 (0xFFE0E2C8)
YUV	222.4380, -11.0619, 1.3699
Hunter-Lab	86.2613, -9.4959, 15.4294

# Details

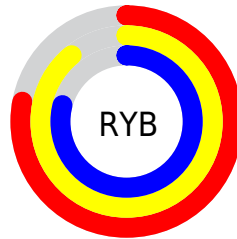
The YUV color  $222.4380, -11.0619, 1.3699$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $203.5620, 11.0619, -1.3699$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $167.5520, -10.6251, 1.2699$  is the 20% darker color. If you saturate the color by 10%, you get  $219.2180, -20.8135, 2.4398$ , and if you desaturate by 10%, it is  $225.6580, -1.3104, 0.2999$ .

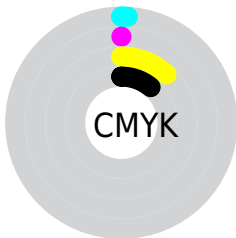
# Distribution



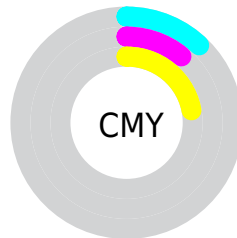
- Red (88%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.4380, -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 222.4380, -11.0619, 1.3699 by changing the saturation by 10% instead.



■ 222.4380,  
-11.0619, 1.3699

■ 222.4380,  
-11.0619, 1.3699

255.0000, 0.0000,  
0.0000

■ 194.5520,  
-10.6251, 1.2699

■ 167.5520,  
-10.6251, 1.2699

■ 140.6660,  
-10.1883, 1.1699

■ 115.7800, -9.7515,  
1.0699

■ 90.8940, -9.3147,  
0.9700

■ 67.0080, -8.8779,  
0.8700

■ 45.1220, -8.4411,

0.7700

■ 23.9650, -10.3357,  
1.7847

■ 0.0000, 0.0000,  
0.0000

■ 222.4380,  
-11.0619, 1.3699

■ 222.4380,  
-11.0619, 1.3699

■ 219.2180,  
-20.8135, 2.4398

■ 225.6580, -1.3104,  
0.2999

■ 216.4110,  
-30.2756, 4.0246

■ 228.4650, 8.1518,  
-1.2848

■ 213.1910,  
-40.0272, 5.0945

■ 230.2030, 12.2249,  
-1.0550

■ 210.0850,  
-49.3419, 6.0645

■ 230.8010, 11.9301,  
0.1745

■ 206.8650,  
-59.0934, 7.1344

■ 231.3990, 11.6353,  
1.4041

■ 203.9440,  
-68.9924, 8.8191

■ 231.6980, 11.4879,  
2.0189

■ 200.8380,  
-78.3071, 9.7891

■ 232.2960, 11.1931,  
3.2484

■ 197.6180,  
-88.0587, 10.8590

■ 232.8940, 10.8983,  
4.4780

■ 195.1530,  
-96.2104, 12.1438

■ 233.4920, 10.6034,  
5.7075

# Harmonies

## Analogous

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



224.1620, -12.4049, 12.1359



222.4380, -11.0619, 1.3699



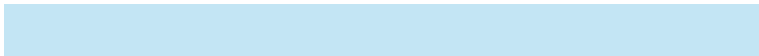
220.6260, -6.2246, -10.1960

# Triad

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



222.4380, -11.0619, 1.3699



220.5440, 11.5638, -22.4021



226.3490, 0.8139, 18.9879

# Complementary

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



222.4380, -11.0619, 1.3699



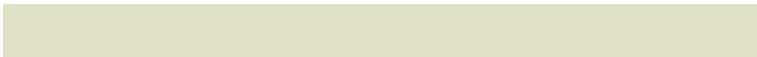
203.5620, 11.0619, -1.3699

# Split Complementary

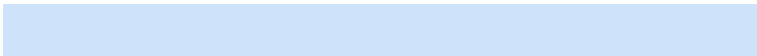
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4880, 6.6614, 10.0960



222.4380, -11.0619, 1.3699



222.6420, 12.9945, -14.5950

# Square

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



222.4380, -11.0619, 1.3699



219.5670, 6.6225, -24.1763



224.9640, 11.3567, -2.5994



226.6500, -5.7434, 22.2320



# Rectangle

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



222.4380, -11.0619, 1.3699



220.3200, -2.1298, -16.9436



224.9640, 11.3567, -2.5994



226.4950, 2.7140, 16.2289

# Sweetspot

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



222.4380, -11.0619, 1.3699



253.7890, -3.3470, 0.1850



208.9480, -4.4114, 14.9546



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

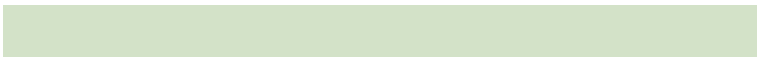
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.4380, -11.0619, 1.3699



249.9990, -15.2825, 1.7549



218.5510, -9.1456, -6.6222



110.4470, -4.6574, 0.4850



151.7500, -74.8127, 8.9893



41.6310, -20.5241, 2.9546



# Inverse Universe

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



203.5620, 11.0619, -1.3699



224.0010, 15.2825, -1.7549



207.4490, 9.1456, 6.6222



102.5530, 4.6574, -0.4850



24.2500, 74.8127, -8.9893

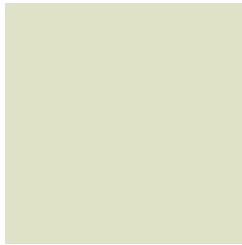


6.6680, 20.3767, -2.3398



# Previews

## White Background



This preview shows how the YUV color 222.4380, -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 222.4380, -11.0619, 1.3699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

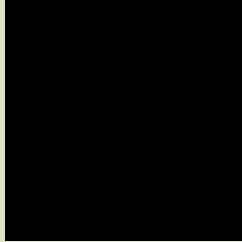
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

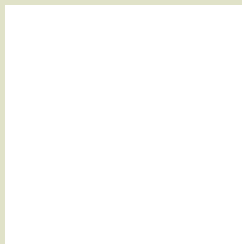
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 222.4380, -11.0619, 1.3699

## Background



This preview shows how black text looks on a background with the YUV color 222.4380, -11.0619, 1.3699.



This preview shows how white text looks on a background with the YUV color 222.4380, -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

222.4380, -11.0619, 1.3699

### Protanopia

223.4390, -12.5414, 9.2620

### Deuteranopia

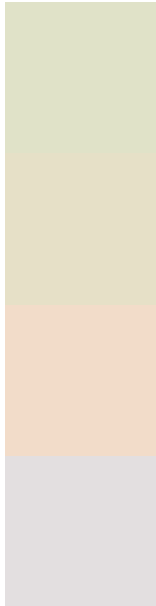
225.4670, -11.5692, 24.1464



## Tritanopia

225.3300, 6.2463, 3.2186

# Trichromacy



## Original Color

222.4380, -11.0619, 1.3699

## Protanomaly

222.9440, -11.8044, 6.1881

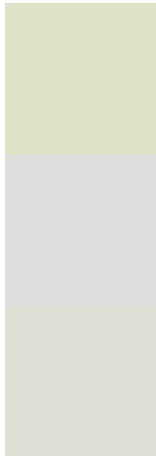
## Deuteranomaly

224.4120, -11.5421, 15.4247

## Tritanomaly

224.3100, -0.1528, 2.3591

# Monochromacy



## Original Color

222.4380, -11.0619, 1.3699

## Achromatopsia

222.0000, 0.0000, 0.0000

## Achromatomaly

221.9740, -3.9312, 0.8998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.4380, -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(224, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 200)  
}
```

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(224, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 200) }
```

## Border

The CSS property to change the border of an element to YUV 222.4380, -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(224, 226, 200) }
```



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

```
.border{ border-color:rgb(224, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 222.4380, -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(224, 226, 200) }
```

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

```
.background{ background-color: rgb(224,  
226, 200) }
```

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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