

Converting Colors

YUV(238.4410, -22.4024,
-1.2638)

Have a look what the booklet for
YUV(238.4410, -22.4024, -1.2638)
contains.

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Color

**YUV(238.4410, -22.4024,
-1.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF8C1
RGB	237, 248, 193
RGB Percent	93%, 97%, 76%
CMY	0.0706, 0.0275, 0.2431
CMYK	0.04, 0.00, 0.22, 0.03
HSL	72°, 80%, 86%
HSV	72°, 22%, 97%
XYZ	78.1181, 88.9896, 63.5115
YIQ	238.4410, 11.0990, -19.4370

Conversions

Conversions Part 2

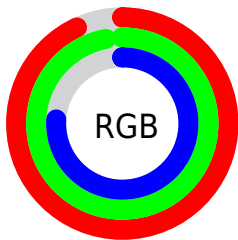
Format	Color
R _Y B	193, 248, 204
Decimal	15595713
CIE Lab	95.58, -12.58, 25.27
CIE LCh	96, 28.223, 116.464
Yxy	88.9896, 0.3387, 0.3859
Android (android.graphics.Color)	4293785793 (0xFFEDF8C1)
YUV	238.4410, -22.4024, -1.2638
Hunter-Lab	94.3343, -17.2694, 26.1164

Details

The YUV color $238.4410, -22.4024, -1.2638$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $202.5590, 22.4024, 1.2638$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $182.6690, -21.5288, -1.4637$ is the 20% darker color. If you saturate the color by 10%, you get $234.0960, -32.5853, -1.8382$, and if you desaturate by 10%, it is $242.7860, -12.2195, -0.6893$.

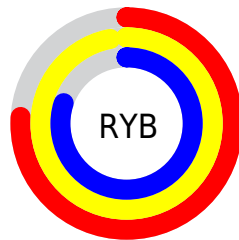
Distribution



Red (93%)

Green (97%)

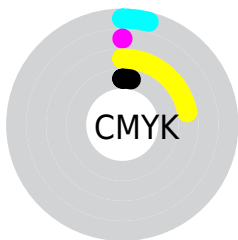
Blue (76%)



Red (76%)

Yellow (97%)

Blue (80%)

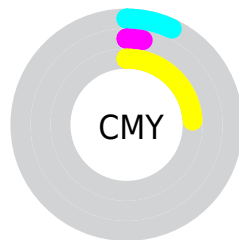


Cyan (4%)

Magenta (0%)

Yellow (22%)

Black (3%)



Cyan (7%)

Magenta (3%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.4410, -22.4024, -1.2638 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 238.4410, -22.4024, -1.2638 by changing the saturation by 10% instead.

238.4410,
-22.4024, -1.2638

238.4410,
-22.4024, -1.2638

255.0000, 0.0000,
0.0000

209.9680,
-21.6762, -0.8489

254.4300, -2.1840,
0.4999

182.6690,
-21.5288, -1.4637

155.7830,
-21.0920, -1.5637

129.1250,
-19.7816, -1.8636

104.2390,
-19.3448, -1.9636

79.4670, -18.4712,
-2.1636

56.5810, -18.0344,

-2.2635

■ 35.1080, -17.3082,
-1.8487

■ 14.0880, -6.9454,
-12.3552

■ 238.4410,
-22.4024, -1.2638

■ 238.4410,
-22.4024, -1.2638

■ 234.0960,
-32.5853, -1.8382

■ 242.7860,
-12.2195, -0.6893

■ 229.7510,
-42.7682, -2.4126

■ 247.1310, -2.0366,
-0.1149

■ 225.5200,
-52.5144, -3.0870

■ 249.9940, 2.4680,
1.7593

■ 221.1750,
-62.6973, -3.6615

■ 250.8910, 2.0257,
3.6036

■ 216.8300,
-72.8802, -4.2359

■ 212.4850,
-83.0631, -4.8103

■ 208.1400,
-93.2460, -5.3848

■ 204.7780,
-100.9556, -5.9443

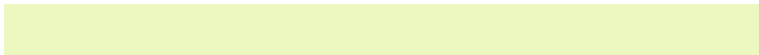
Harmonies

Analogous

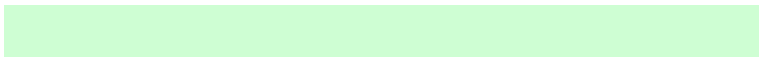
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9700, -24.6352, 14.9353



238.4410, -22.4024, -1.2638



234.7460, -11.7068, -25.2102

Triad

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



238.4410, -22.4024, -1.2638



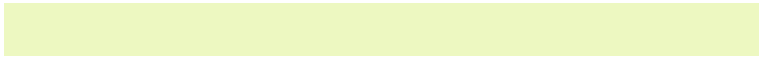
230.2050, 12.2239, -47.5378



235.3040, 5.7661, 17.2734

Complementary

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



238.4410, -22.4024, -1.2638



202.5590, 22.4024, 1.2638

Split Complementary

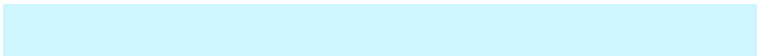
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.1510, 7.8136, 13.8996



238.4410, -22.4024, -1.2638



235.0660, 9.8275, -25.4909

Square

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



238.4410, -22.4024, -1.2638



228.3890, 13.1192, -54.7152



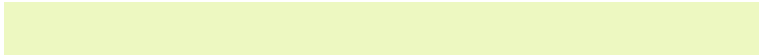
240.2590, 7.2673, 2.4039



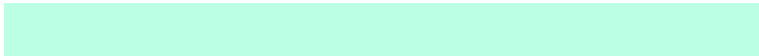
232.6990, -6.7536, 19.5580

Rectangle

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



238.4410, -22.4024, -1.2638



231.7040, -1.3331, -39.2054



240.2590, 7.2673, 2.4039



236.8030, 8.9711, 15.9588

Sweetspot

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



238.4410, -22.4024, -1.2638



251.7520, -7.2727, -0.6595



215.9020, -11.2907, 28.1499



125.8490, -4.3626, -0.7446



0.0000, 0.0000, 0.0000



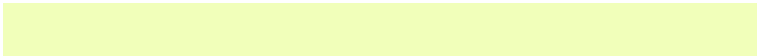
128.0000, 0.0000, 0.0000

Same Dimension

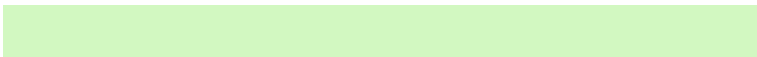
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4410, -22.4024, -1.2638



242.9480, -28.0754, -1.7084



230.3680, -18.4224, -17.8627



122.6210, -5.2362, -0.5446



156.0920, -76.9534, -4.4657



50.4580, -24.8758, -1.2787

Inverse Universe

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



202.5590, 22.4024, 1.2638



198.0520, 28.0754, 1.7084



210.9310, 18.2750, 18.4775



114.3790, 5.2362, 0.5446



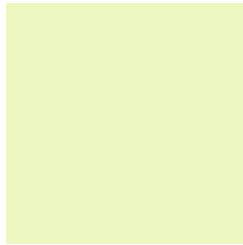
32.9080, 76.9534, 4.4657



10.5420, 24.8758, 1.2787

Previews

White Background



This preview shows how the YUV color 238.4410, -22.4024, -1.2638 looks on a white background.

Color Contrast Check

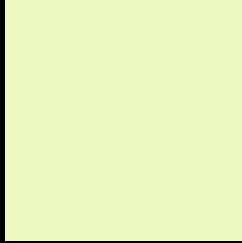
Large Text (above 18pt) WCAG AA × Fail

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 238.4410, -22.4024, -1.2638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

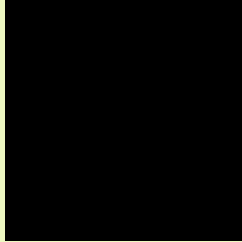
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

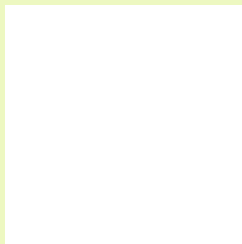
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.4410, -22.4024, -1.2638

Background



This preview shows how black text looks on a background with the YUV color 238.4410, -22.4024, -1.2638.



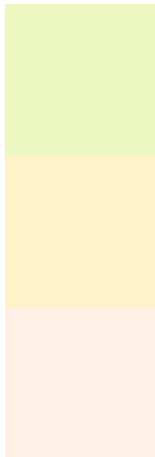
This preview shows how white text looks on a background with the YUV color 238.4410, -22.4024, -1.2638.

-1.2638.

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

238.4410, -22.4024, -1.2638

Protanopia

241.2130, -19.8250, 12.0912

Deuteranopia

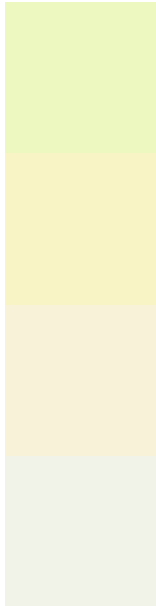
242.6440, -6.7265, 10.8362



Tritanopia

243.2050, 5.8149, 1.5742

Trichromacy



Original Color

238.4410, -22.4024, -1.2638

Protanomaly

239.9520, -20.6823, 7.0581

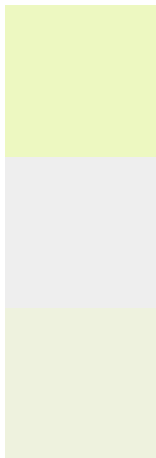
Deuteranomaly

240.8300, -12.2412, 6.2881

Tritanomaly

241.4470, -4.6574, 0.4850

Monochromacy



Original Color

238.4410, -22.4024, -1.2638

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.5240, -8.1463, -0.4595

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.4410, -22.4024, -1.2638 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(237, 248, 193)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 193)  
}
```

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(237, 248, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 193) }
```

Border

The CSS property to change the border of an element to YUV 238.4410, -22.4024, -1.2638 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(237, 248, 193) }
```


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

```
.border{ border-color:rgb(237, 248, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 248, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 248, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 248, 193); box-shadow:4px 4px 4px 4px rgb(237, 248, 193) }
```

Background

The CSS property to change the background color of an element to YUV 238.4410, -22.4024, -1.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 193) }
```

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

```
.background{ background-color: rgb(237,  
248, 193) }
```

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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