

Converting Colors

YUV(238.7970, -15.6759,
-12.1000)

Have a look what the booklet for
YUV(238.7970, -15.6759, -12.1000)
contains.

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Color

**YUV(238.7970, -15.6759,
-12.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FCCF
RGB	225, 252, 207
RGB Percent	88%, 99%, 81%
CMY	0.1176, 0.0118, 0.1882
CMYK	0.11, 0.00, 0.18, 0.01
HSL	96°, 88%, 90%
HSV	96°, 18%, 99%
XYZ	77.1242, 90.1334, 72.3641
YIQ	238.7970, -1.6470, -19.7190

Conversions

Conversions Part 2

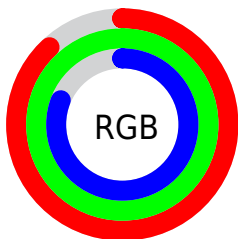
Format	Color
RYB	207, 252, 234
Decimal	14810319
CIELab	96.05, -16.62, 18.66
CIELCh	96, 24.989, 131.701
Yxy	90.1334, 0.3219, 0.3761
Android (android.graphics.Color)	4293000399 (0xFFE1FCCF)
YUV	238.7970, -15.6759, -12.1000
Hunter-Lab	94.9386, -21.1364, 21.2650

Details

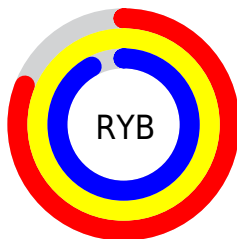
The YUV color $238.7970, -15.6759, -12.1000$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $220.2030, 15.6759, 12.1000$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.4380, -14.5129, -11.7851$ is the 20% darker color. If you saturate the color by 10%, you get $231.4620, -24.3848, -18.8222$, and if you desaturate by 10%, it is $246.1320, -6.9671, -5.3778$.

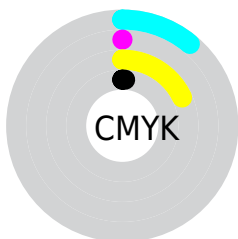
Distribution



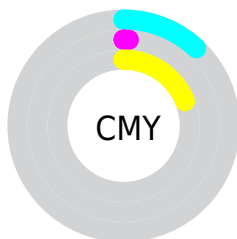
- Red (88%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.7970, -15.6759, -12.1000 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 238.7970, -15.6759, -12.1000 by changing the saturation by 10% instead.

■ 238.7970,
-15.6759, -12.1000

■ 238.7970,
-15.6759, -12.1000

255.0000, 0.0000,
0.0000

■ 210.2100,
-15.3865, -11.5852

■ 182.4380,
-14.5129, -11.7851

■ 155.8510,
-14.2235, -11.2703

■ 129.8510,
-14.2235, -11.2703

■ 104.3780,
-13.4974, -10.8555

■ 79.9050, -12.7712,
-10.4407

■ 57.0190, -12.3344,

-10.5407

■ 34.4320, -12.0450,
-10.0259

■ 15.2620, -7.5242,
-13.3848

■ 238.7970,
-15.6759, -12.1000

■ 238.7970,
-15.6759, -12.1000

■ 231.4620,
-24.3848, -18.8222

■ 246.1320, -6.9671,
-5.3778

■ 224.1270,
-33.0936, -25.5444

■ 253.2390, 0.8682,
1.5444

■ 216.6780,
-42.2393, -32.1666

■ 209.3430,
-50.9481, -38.8888

■ 201.7090,
-59.5095, -46.2258

■ 194.3740,
-68.2184, -52.9480

■ 187.0390,
-76.9272, -59.6702

■ 179.5900,
-86.0729, -66.2924

■ 178.1230,
-87.8146, -67.6369

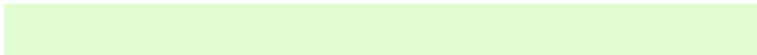
Harmonies

Analogous

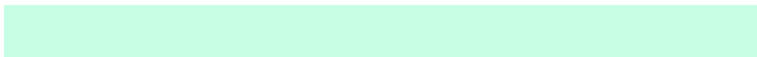
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.8060, -22.5824, 9.8171



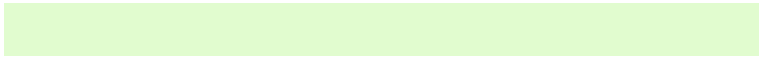
238.7970, -15.6759, -12.1000



235.1780, -3.5388, -31.7281

Triad

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



238.7970, -15.6759, -12.1000



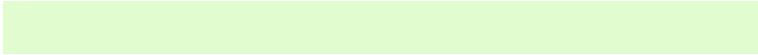
235.0220, 9.8492, -32.4683



236.2840, -0.6330, 16.4139

Complementary

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



238.7970, -15.6759, -12.1000



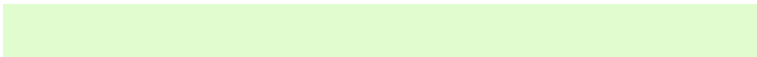
220.2030, 15.6759, 12.1000

Split Complementary

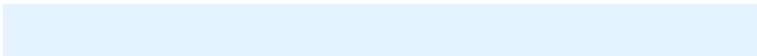
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.1510, 7.8136, 13.8996



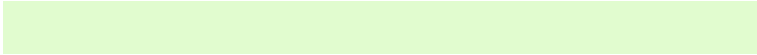
238.7970, -15.6759, -12.1000



239.8830, 7.4527, -10.4214

Square

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



238.7970, -15.6759, -12.1000



232.5750, 11.0555, -46.1083



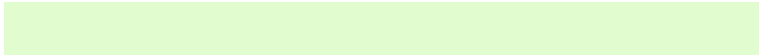
242.6730, 6.0772, 10.8108



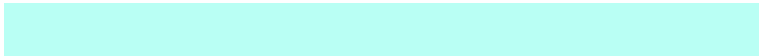
235.4230, -11.5475, 17.1690

Rectangle

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



238.7970, -15.6759, -12.1000



232.8160, 5.5137, -41.9346



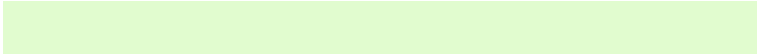
242.6730, 6.0772, 10.8108



237.1960, 2.8614, 15.6141

Sweetspot

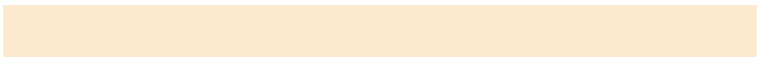
The Sweet Spot groups the original color and five complimentary colors.



238.7970, -15.6759, -12.1000



251.1260, -4.4991, -3.6185



236.3040, -14.4469, 13.7654



125.5930, -2.7573, -2.2741



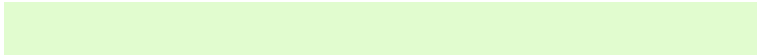
0.0000, 0.0000, 0.0000



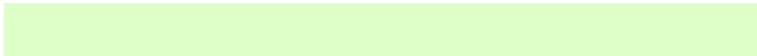
128.0000, 0.0000, 0.0000

Same Dimension

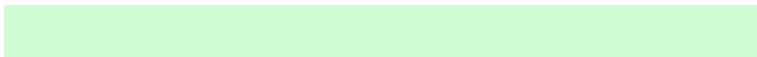
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.7970, -15.6759, -12.1000



239.2760, -18.8701, -14.2741



233.8710, -11.2754, -23.5659



121.1260, -4.4991, -3.6185



133.3680, -65.7504, -51.1887



42.9830, -21.1906, -16.6481

Inverse Universe

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



220.2030, 15.6759, 12.1000



217.0230, 18.7227, 14.8888



225.1290, 11.2754, 23.5659



115.8740, 4.4991, 3.6185



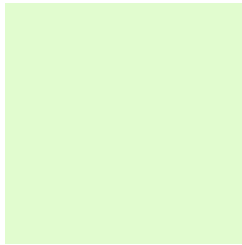
55.3330, 65.8978, 50.5740



18.0170, 21.1906, 16.6481

Previews

White Background



This preview shows how the YUV color 238.7970, -15.6759, -12.1000 looks on a white background.

Color Contrast Check

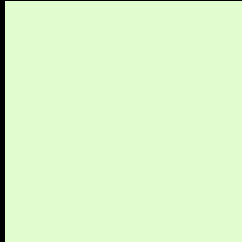
Large Text (above 18pt) WCAG AA × Fail

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 238.7970, -15.6759, -12.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

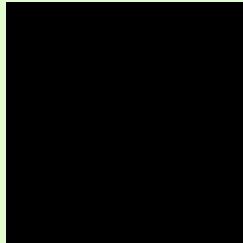
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

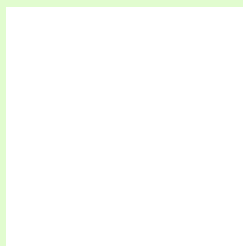
Any Text WCAG AAA ✓ Pass

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

YUV 238.7970, -15.6759, -12.1000 Background



This preview shows how black text looks on a background with the YUV color 238.7970, -15.6759, -12.1000.



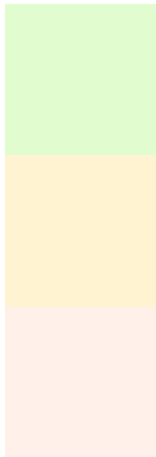
This preview shows how white text looks on a background with the YUV color 238.7970, -15.6759, -12.1000.

-12.1000.

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

238.7970, -15.6759, -12.1000

Protanopia

242.7120, -16.6200, 10.7766

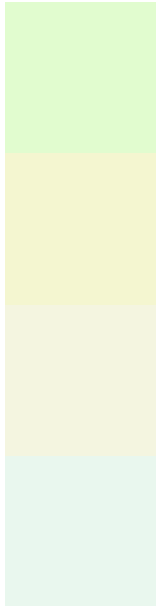
Deuteranopia

244.3880, -5.1213, 9.3067

Tritanopia

243.4600, 5.6892, -4.7884

Trichromacy



Original Color

238.7970, -15.6759, -12.1000

Protanomaly

241.0700, -16.3035, 2.5696

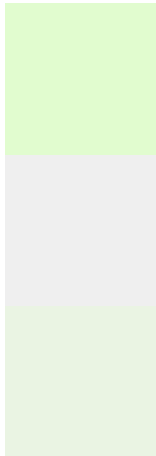
Deuteranomaly

242.3070, -9.0254, 1.4848

Tritanomaly

241.7880, -1.8675, -7.7071

Monochromacy



Original Color

238.7970, -15.6759, -12.1000

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

239.0720, -5.9515, -4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7970, -15.6759, -12.1000 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(225, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 207)  
}
```

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(225, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 207) }
```

Border

The CSS property to change the border of an element to YUV 238.7970, -15.6759, -12.1000 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(225, 252, 207) }
```


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

```
.border{ border-color:rgb(225, 252, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 252, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(225, 252,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 238.7970, -15.6759, -12.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 207) }
```

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

```
.background{ background-color: rgb(225,  
252, 207) }
```

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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