

Converting Colors

YUV(235.9570, -4.9088,
-12.2403)

Have a look what the booklet for
YUV(235.9570, -4.9088, -12.2403)
contains.

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Color

**YUV(235.9570, -4.9088,
-12.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF5E2
RGB	222, 245, 226
RGB Percent	87%, 96%, 89%
CMY	0.1294, 0.0392, 0.1137
CMYK	0.09, 0.00, 0.08, 0.04
HSL	130°, 53%, 92%
HSV	130°, 9%, 96%
XYZ	76.5041, 86.3254, 84.5818
YIQ	235.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

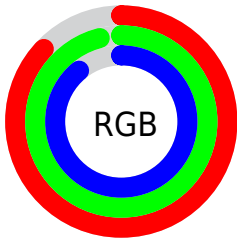
Format	Color
R _Y B	222, 242, 245
Decimal	14611938
CIE Lab	94.45, -10.98, 6.58
CIE LCh	94, 12.799, 149.056
Yxy	86.3254, 0.3092, 0.3489
Android (android.graphics.Color)	4292802018 (0xFFDEF5E2)
YUV	235.9570, -4.9088, -12.2403
Hunter-Lab	92.9115, -15.6167, 11.0635

Details

The YUV color $235.9570, -4.9088, -12.2403$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.0430, 4.9088, 12.2403$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3700, -4.6194, -11.7255$ is the 20% darker color. If you saturate the color by 10%, you get $226.5010, -10.1070, -24.9954$, and if you desaturate by 10%, it is $245.7120, 0.1420, 1.1296$.

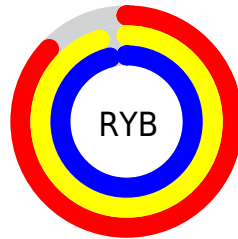
Distribution



Red (87%)

Green (96%)

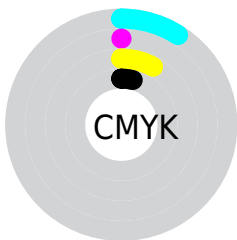
Blue (89%)



Red (87%)

Yellow (95%)

Blue (96%)

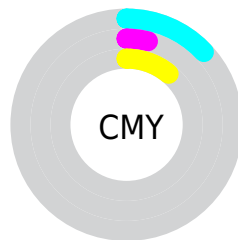


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (4%)



Cyan (13%)

Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.9570, -4.9088, -12.2403 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 235.9570, -4.9088, -12.2403 by changing the saturation by 10% instead.

■ 235.9570, -4.9088,
-12.2403

■ 235.9570, -4.9088,
-12.2403

255.0000, 0.0000,
0.0000

■ 207.9570, -4.9088,
-12.2403

■ 180.3700, -4.6194,
-11.7255

■ 153.3700, -4.6194,
-11.7255

■ 127.1960, -4.0406,
-10.6959

■ 102.1960, -4.0406,
-10.6959

■ 78.1960, -4.0406,
-10.6959

■ 55.0220, -3.4618,

-9.6663

■ 33.4350, -3.1725,
-9.1515

■ 12.3270, -6.0772,
-10.8108

■ 235.9570, -4.9088,
-12.2403

■ 235.9570, -4.9088,
-12.2403

■ 226.5010,
-10.1070, -24.9954

■ 245.7120, 0.1420,
1.1296

■ 216.7460,
-15.1578, -38.3652

■ 249.1300, 2.8939,
5.1480

■ 207.1760,
-20.7928, -51.0204

■ 197.4210,
-25.8436, -64.3902

■ 187.9650,
-31.0417, -77.1453

■ 178.2100,
-36.0925, -90.5152

■ 168.6400,
-41.7275, -103.1703

■ 158.8850,
-46.7783, -116.5401

■ 149.4290,
-51.9765, -129.2952

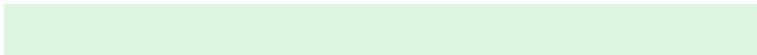
Harmonies

Analogous

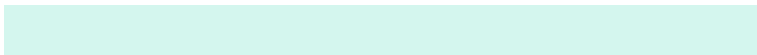
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3560, -10.0355, -1.1892



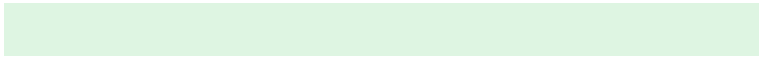
235.9570, -4.9088, -12.2403



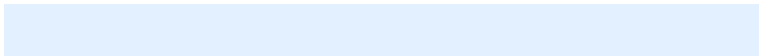
234.9220, 1.5175, -20.1026

Triad

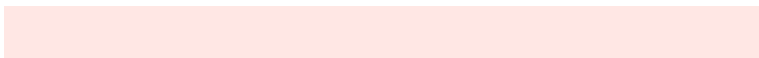
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9570, -4.9088, -12.2403



237.5240, 8.6157, -10.1065



237.8340, -4.8482, 15.0546

Complementary

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



235.9570, -4.9088, -12.2403



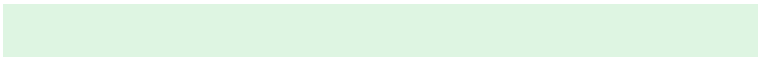
231.0430, 4.9088, 12.2403

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.



239.2020, 0.3934, 13.8548



235.9570, -4.9088, -12.2403



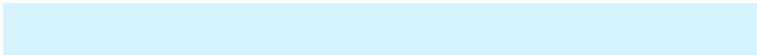
239.6610, 7.5621, 1.1743

Square

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



235.9570, -4.9088, -12.2403



235.9850, 9.3744, -20.1578



241.7440, 5.0562, 11.6255



238.4550, -10.0843, 14.5100

Rectangle

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



235.9570, -4.9088, -12.2403



234.7520, 6.0383, -23.4615



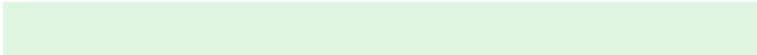
241.7440, 5.0562, 11.6255



238.1760, -3.5378, 14.7546

Sweetspot

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



235.9570, -4.9088, -12.2403



251.9240, -1.4415, -4.3183



241.1820, -9.4567, -0.1596



125.6360, -1.2995, -3.1888



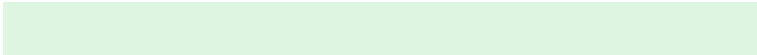
0.0000, 0.0000, 0.0000



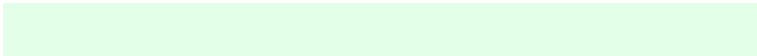
128.0000, 0.0000, 0.0000

Same Dimension

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



235.9570, -4.9088, -12.2403



244.0060, -5.9190, -14.9143



237.2110, -0.1040, -13.3400



117.2720, -2.5991, -6.3775



112.8300, -39.8492, -98.9519



35.7730, -12.7061, -31.3729

Inverse Universe

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



231.0430, 4.9088, 12.2403



237.9940, 5.9190, 14.9143



229.7890, 0.1040, 13.3400



114.7280, 2.5991, 6.3775



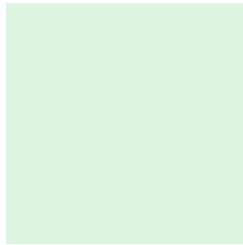
73.1700, 39.8492, 98.9519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 235.9570, -4.9088, -12.2403 looks on a white background.

Color Contrast Check

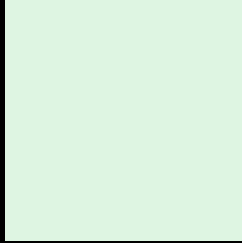
Large Text (above 18pt) WCAG AA × Fail

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 235.9570, -4.9088, -12.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

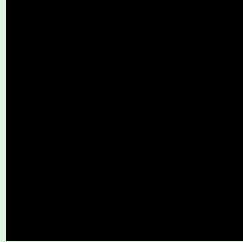
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

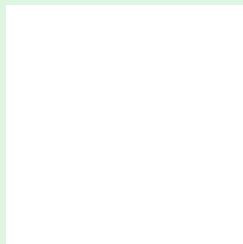
Any Text WCAG AAA ✓ Pass

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

YUV 235.9570, -4.9088, -12.2403 Background



This preview shows how black text looks on a background with the YUV color 235.9570, -4.9088, -12.2403.



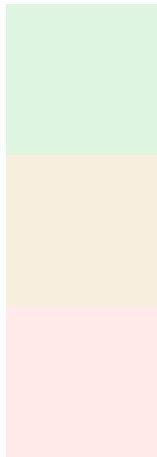
This preview shows how white text looks on a background with the YUV color 235.9570, -4.9088, -12.2403.

-12.2403.

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

235.9570, -4.9088, -12.2403

Protanopia

238.8670, -8.3154, 7.1326

Deuteranopia

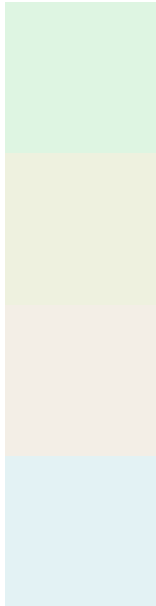
240.1650, -3.5323, 13.0103



Tritanopia

238.7200, 8.0260, -7.6474

Trichromacy



Original Color

235.9570, -4.9088, -12.2403

Protanomaly

238.0510, -7.4201, -0.0447

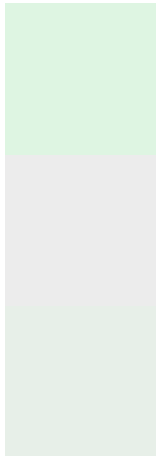
Deuteranomaly

238.5830, -4.2314, 3.8737

Tritanomaly

237.7430, 3.0847, -9.4216

Monochromacy



Original Color

235.9570, -4.9088, -12.2403

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.8100, -1.8783, -4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9570, -4.9088, -12.2403 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(222, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 245, 226)  
}
```

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(222, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 245, 226) }
```

Border

The CSS property to change the border of an element to YUV 235.9570, -4.9088, -12.2403 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(222, 245, 226) }
```


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

```
.border{ border-color:rgb(222, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 245, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 245, 226); box-shadow:4px 4px 4px 4px rgb(222, 245, 226) }
```

Background

The CSS property to change the background color of an element to YUV 235.9570, -4.9088, -12.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 245, 226) }
```

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

```
.background{ background-color: rgb(222,  
245, 226) }
```

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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