

Converting Colors

YUV(235.9740, -7.3822,
-12.2552)

Have a look what the booklet for
YUV(235.9740, -7.3822, -12.2552)
contains.

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Color

**YUV(235.9740, -7.3822,
-12.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF6DD
RGB	222, 246, 221
RGB Percent	87%, 96%, 87%
CMY	0.1294, 0.0353, 0.1333
CMYK	0.10, 0.00, 0.10, 0.04
HSL	118°, 58%, 92%
HSV	118°, 10%, 96%
XYZ	76.1311, 86.6616, 81.1214
YIQ	235.9740, -6.2790, -12.8630

Conversions

Conversions Part 2

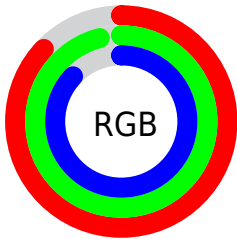
Format	Color
R _Y B	221, 246, 245
Decimal	14612189
CIE Lab	94.59, -12.35, 9.37
CIE LCh	95, 15.503, 142.815
Yxy	86.6616, 0.3121, 0.3553
Android (android.graphics.Color)	4292802269 (0xFFDEF6DD)
YUV	235.9740, -7.3822, -12.2552
Hunter-Lab	93.0922, -16.9335, 13.4987

Details

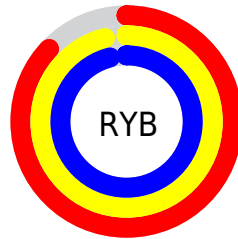
The YUV color **235.9740, -7.3822, -12.2552** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231.0260, 7.3822, 12.2552**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **180.3870, -7.0928, -11.7404** is the 20% darker color. If you saturate the color by 10%, you get **225.9480, -14.7644, -24.5104**, and if you desaturate by 10%, it is **246.0000, 0.0000, 0.0000**.

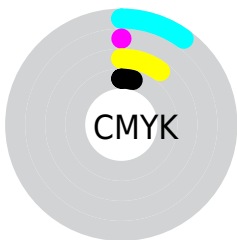
Distribution



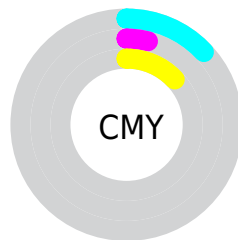
- Red (87%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.9740, -7.3822, -12.2552 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 235.9740, -7.3822, -12.2552 by changing the saturation by 10% instead.

■ 235.9740, -7.3822,
-12.2552

■ 235.9740, -7.3822,
-12.2552

255.0000, 0.0000,
0.0000

■ 207.9740, -7.3822,
-12.2552

■ 180.3870, -7.0928,
-11.7404

■ 153.5010, -6.6560,
-11.8404

■ 127.2130, -6.5140,
-10.7108

■ 102.3270, -6.0772,
-10.8108

■ 77.7400, -5.7878,
-10.2960

■ 55.1530, -5.4984,

-9.7812

■ 33.5660, -5.2090,
-9.2664

■ 12.9140, -6.3666,
-11.3256

■ 235.9740, -7.3822,
-12.2552

■ 235.9740, -7.3822,
-12.2552

■ 225.9480,
-14.7644, -24.5104

■ 246.0000, 0.0000,
0.0000

■ 216.3350,
-21.8572, -36.2508

■ 249.7170, 2.6045,
4.6332

■ 206.3090,
-29.2393, -48.5060

■ 196.6960,
-36.3321, -60.2464

■ 186.6700,
-43.7143, -72.5016

■ 176.6440,
-51.0965, -84.7568

■ 167.0310,
-58.1893, -96.4972

■ 157.0050,
-65.5715, -108.7524

■ 147.3920,
-72.6643, -120.4928

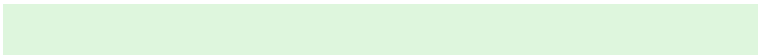
Harmonies

Analogous

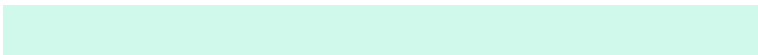
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.6830, -12.6617, 1.1550



235.9740, -7.3822, -12.2552



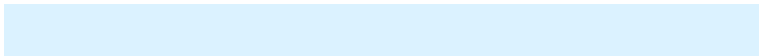
234.5580, 0.2179, -23.2914

Triad

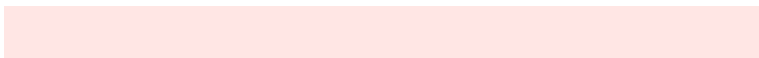
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9740, -7.3822, -12.2552



236.6050, 9.0687, -15.4396



237.2470, -4.5588, 15.5694

Complementary

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



235.9740, -7.3822, -12.2552



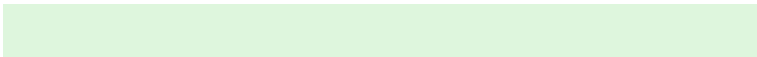
231.0260, 7.3822, 12.2552

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.



239.0710, 2.4300, 13.9697



235.9740, -7.3822, -12.2552



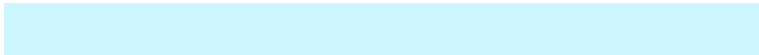
239.3510, 7.7150, -1.1848

Square

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



235.9740, -7.3822, -12.2552



235.0660, 9.8275, -25.4909



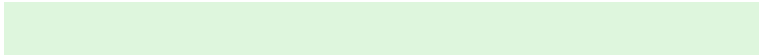
241.4990, 6.6560, 11.8404



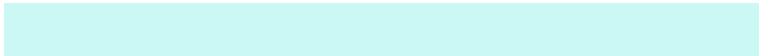
237.6400, -10.6685, 15.2247

Rectangle

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



235.9740, -7.3822, -12.2552



234.2030, 5.3229, -27.3650



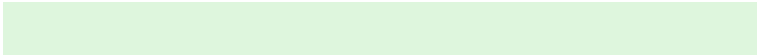
241.4990, 6.6560, 11.8404



237.2300, -2.0854, 15.5843

Sweetspot

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



235.9740, -7.3822, -12.2552



251.9950, -2.4625, -3.5036



242.5630, -10.6306, 3.0142



125.8210, -1.8838, -2.4740



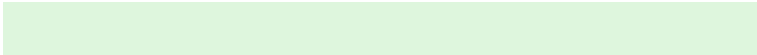
0.0000, 0.0000, 0.0000



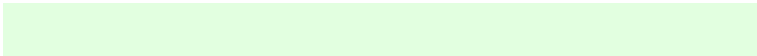
128.0000, 0.0000, 0.0000

Same Dimension

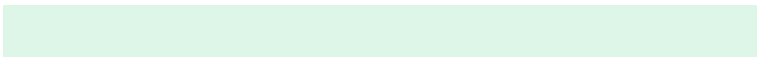
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9740, -7.3822, -12.2552



242.7950, -9.2659, -14.7292



236.9290, -2.4300, -13.9697



117.3430, -3.6201, -5.5628



111.2750, -54.8586, -91.4492



35.2310, -17.3689, -29.1436

Inverse Universe

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



231.0260, 7.3822, 12.2552



236.5040, 9.1185, 15.3440



230.0710, 2.4300, 13.9697



114.9560, 3.4727, 6.1776



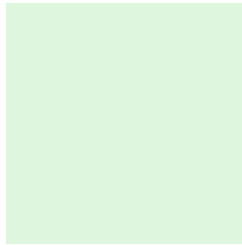
74.7250, 54.8586, 91.4492



23.4700, 17.5163, 28.5288

Previews

White Background



This preview shows how the YUV color 235.9740, -7.3822, -12.2552 looks on a white background.

Color Contrast Check

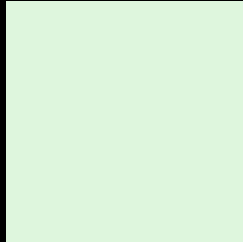
Large Text (above 18pt) WCAG AA × Fail

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 235.9740, -7.3822, -12.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

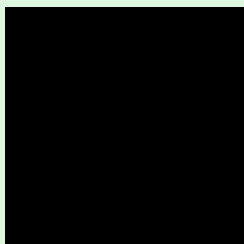
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

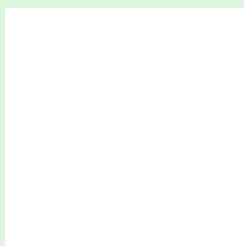
Any Text WCAG AAA ✓ Pass

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

YUV 235.9740, -7.3822, -12.2552 Background



This preview shows how black text looks on a background with the YUV color 235.9740, -7.3822, -12.2552.



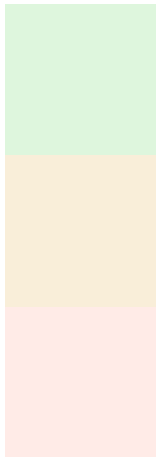
This preview shows how white text looks on a background with the YUV color 235.9740, -7.3822, -12.2552.

-12.2552.

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

235.9740, -7.3822, -12.2552

Protanopia

238.8950, -10.7942, 8.8621

Deuteranopia

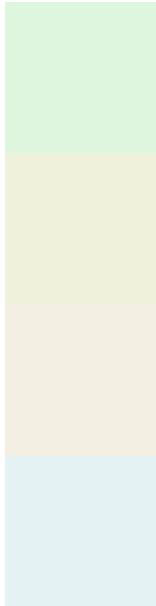
240.5240, -4.6953, 12.6955



Tritanopia

239.0190, 7.8786, -7.0327

Trichromacy



Original Color

235.9740, -7.3822, -12.2552

Protanomaly

237.7800, -9.7515, 1.0699

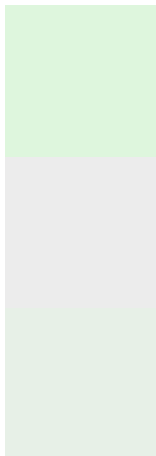
Deuteranomaly

238.8280, -5.8312, 3.6588

Tritanomaly

237.9280, 2.5005, -8.7069

Monochromacy



Original Color

235.9740, -7.3822, -12.2552

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9740, -7.3822, -12.2552 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, 246, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 246, 221)  
}
```

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, 246, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 246, 221) }
```

Border

The CSS property to change the border of an element to YUV 235.9740, -7.3822, -12.2552 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, 246, 221) }
```


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

```
.border{ border-color:rgb(222, 246, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 246, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 246, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 246, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 246,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 235.9740, -7.3822, -12.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 246, 221) }
```

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

```
.background{ background-color: rgb(222,  
246, 221) }
```

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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