

Converting Colors

YUV(242.9370, -11.3079,
-13.0997)

Have a look what the booklet for
YUV(242.9370, -11.3079, -13.0997)
contains.

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Color

**YUV(242.9370, -11.3079,
-13.0997)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FFDC
RGB	228, 255, 220
RGB Percent	89%, 100%, 86%
CMY	0.1059, 0.0000, 0.1373
CMYK	0.11, 0.00, 0.14, 0.00
HSL	106°, 100%, 93%
HSV	106°, 14%, 100%
XYZ	80.6732, 93.1813, 81.4440
YIQ	242.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

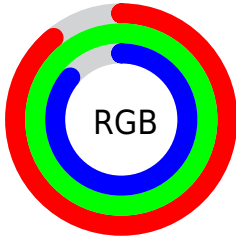
Format	Color
R _Y B	220, 255, 247
Decimal	15007708
CIE Lab	97.30, -14.96, 13.80
CIE LCh	97, 20.352, 137.319
Yxy	93.1813, 0.3160, 0.3650
Android (android.graphics.Color)	4293197788 (0xFFE4FFDC)
YUV	242.9370, -11.3079, -13.0997
Hunter-Lab	96.5305, -19.7509, 17.5476

Details

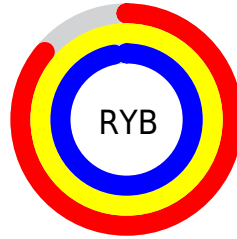
The YUV color $242.9370, -11.3079, -13.0997$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $232.0630, 11.3079, 13.0997$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.4640, -10.5818, -12.6849$ is the 20% darker color. If you saturate the color by 10%, you get $234.1070, -19.2798, -22.8958$, and if you desaturate by 10%, it is $251.8810, -2.8993, -3.4036$.

Distribution



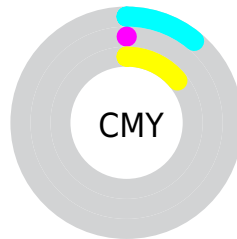
- Red (89%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.9370, -11.3079, -13.0997 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 242.9370, -11.3079, -13.0997 by changing the saturation by 10% instead.

242.9370,
-11.3079, -13.0997

242.9370,
-11.3079, -13.0997

255.0000, 0.0000,
0.0000

214.3500,
-11.0185, -12.5849

186.4640,
-10.5818, -12.6849

159.8770,
-10.2924, -12.1701

133.2900,
-10.0030, -11.6553

108.4040, -9.5662,
-11.7553

83.8170, -9.2768,
-11.2405

60.3440, -8.5506,

-10.8257

■ 38.4580, -8.1138,
-10.9257

■ 16.4470, -8.1084,
-12.6700

■ 242.9370,
-11.3079, -13.0997

■ 242.9370,
-11.3079, -13.0997

■ 234.1070,
-19.2798, -22.8958

■ 251.8810, -2.8993,
-3.4036

■ 225.4620,
-27.8358, -31.9772

255.0000, 0.0000,
0.0000

■ 216.6320,
-35.8076, -41.7733

■ 207.6880,
-44.2162, -51.4694

■ 199.1570,
-52.3354, -60.6507

■ 190.2130,
-60.7440, -70.3468

■ 181.3830,
-68.7158, -80.1429

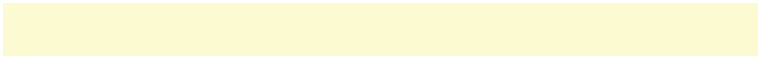
■ 172.7380,
-77.2718, -89.2242

■ 167.0270,
-82.3443, -95.6167

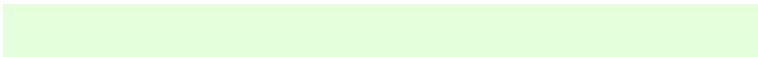
Harmonies

Analogous

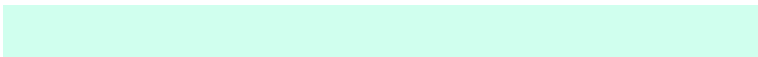
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.6250, -18.0561, 4.7139



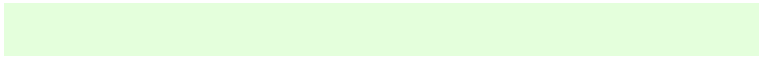
242.9370, -11.3079, -13.0997



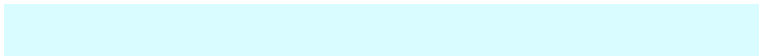
239.0090, -0.4974, -27.1949

Triad

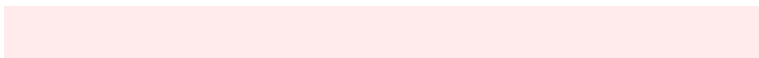
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9370, -11.3079, -13.0997



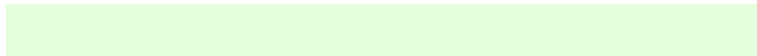
241.5780, 6.6170, -22.4319



240.5070, -2.2220, 12.7104

Complementary

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



242.9370, -11.3079, -13.0997



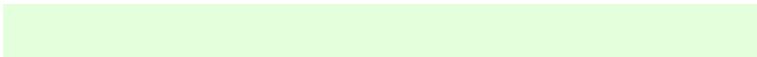
232.0630, 11.3079, 13.0997

Split Complementary

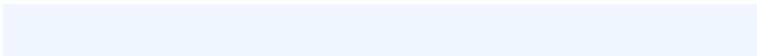
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 6.0772, 10.8108



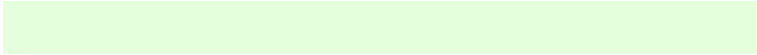
242.9370, -11.3079, -13.0997



244.6450, 5.1050, -4.0737

Square

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



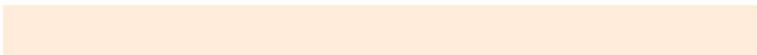
242.9370, -11.3079, -13.0997



238.2560, 8.2548, -34.4275



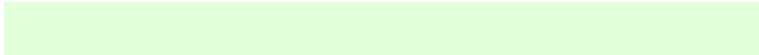
245.6080, 4.6303, 8.2368



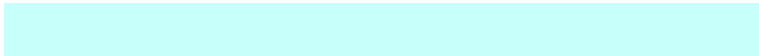
240.3300, -10.5157, 12.8656

Rectangle

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



242.9370, -11.3079, -13.0997



237.8000, 6.5076, -34.0276



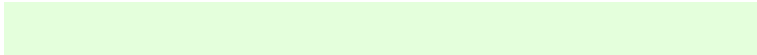
245.6080, 4.6303, 8.2368



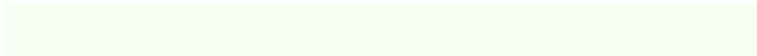
241.3050, 0.8356, 12.0105

Sweetspot

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



242.9370, -11.3079, -13.0997



251.4680, -3.1887, -3.9184



246.3140, -12.9728, 7.6176



125.7070, -2.3206, -2.3740



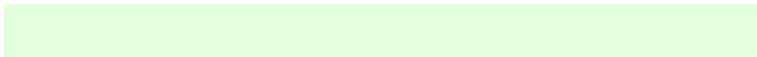
0.0000, 0.0000, 0.0000



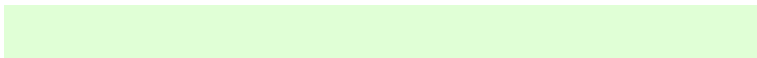
128.0000, 0.0000, 0.0000

Same Dimension

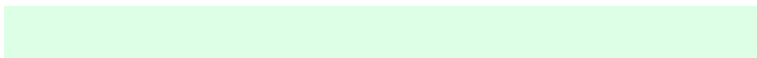
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9370, -11.3079, -13.0997



241.0570, -13.3391, -14.9590



241.5710, -6.1975, -18.9178



123.5280, -4.2043, -4.8481



125.2730, -61.7596, -71.2764



42.0530, -20.7321, -23.7255

Inverse Universe

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



232.0630, 11.3079, 13.0997



228.2420, 13.1917, 15.5738



233.4290, 6.1975, 18.9178



119.4720, 4.2043, 4.8481



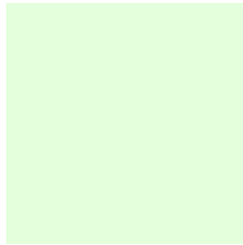
66.0260, 61.6122, 71.8912



21.9470, 20.7321, 23.7255

Previews

White Background



This preview shows how the YUV color 242.9370, -11.3079, -13.0997 looks on a white background.

Color Contrast Check

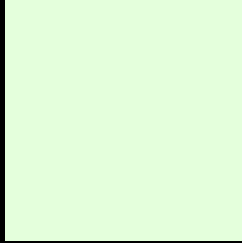
Large Text (above 18pt) WCAG AA × Fail

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 242.9370, -11.3079, -13.0997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

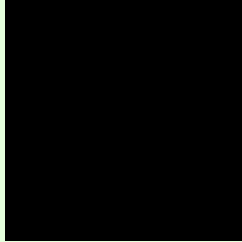
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

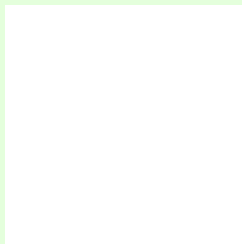
Any Text WCAG AAA ✓ Pass

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

YUV 242.9370, -11.3079, -13.0997 Background



This preview shows how black text looks on a background with the YUV color 242.9370, -11.3079, -13.0997.



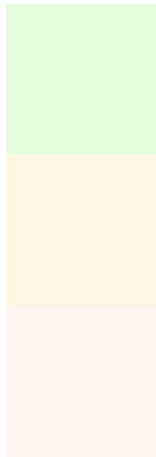
This preview shows how white text looks on a background with the YUV color 242.9370, -11.3079, -13.0997.

-13.0997.

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

242.9370, -11.3079, -13.0997

Protanopia

246.4110, -10.0626, 7.5326

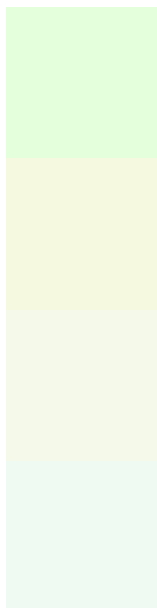
Deuteranopia

247.6480, -2.7845, 6.4477

Tritanopia

246.7160, 4.0840, -3.2589

Trichromacy



Original Color

242.9370, -11.3079, -13.0997

Protanomaly

244.9540, -10.3303, 0.0403

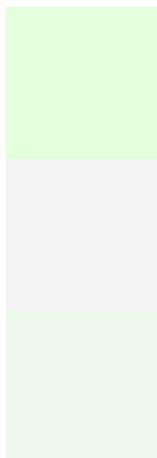
Deuteranomaly

246.0940, -5.9623, -0.9594

Tritanomaly

245.5000, -1.7255, -6.5775

Monochromacy



Original Color

242.9370, -11.3079, -13.0997

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.9370, -11.3079, -13.0997 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(228, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 220)  
}
```

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(228, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 220) }
```

Border

The CSS property to change the border of an element to YUV 242.9370, -11.3079, -13.0997 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(228, 255, 220) }
```


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

```
.border{ border-color:rgb(228, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 242.9370, -11.3079, -13.0997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 220) }
```

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

```
.background{ background-color: rgb(228,  
255, 220) }
```

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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