

Converting Colors

YUV(240.8400, -14.2181,
-13.0147)

Have a look what the booklet for
YUV(240.8400, -14.2181, -13.0147)
contains.

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Color

**YUV(240.8400, -14.2181,
-13.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FED4
RGB	226, 254, 212
RGB Percent	89%, 100%, 83%
CMY	0.1137, 0.0039, 0.1686
CMYK	0.11, 0.00, 0.17, 0.00
HSL	100°, 95%, 91%
HSV	100°, 17%, 100%
XYZ	78.6895, 91.8058, 75.8603
YIQ	240.8400, -3.2060, -18.9980

Conversions

Conversions Part 2

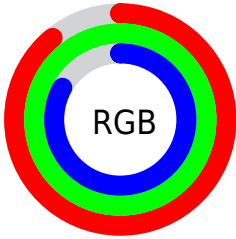
Format	Color
R _Y B	212, 254, 240
Decimal	14876372
CIE Lab	96.74, -16.46, 17.08
CIE LCh	97, 23.718, 133.941
Yxy	91.8058, 0.3194, 0.3727
Android (android.graphics.Color)	4293066452 (0xFFE2FED4)
YUV	240.8400, -14.2181, -13.0147
Hunter-Lab	95.8154, -21.0816, 20.1288

Details

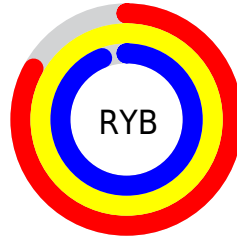
The YUV color $240.8400, -14.2181, -13.0147$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $225.1600, 14.2181, 13.0147$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.3670, -13.4919, -12.5999$ is the 20% darker color. If you saturate the color by 10%, you get $232.9070, -22.6322, -20.9664$, and if you desaturate by 10%, it is $248.7730, -5.8041, -5.0629$.

Distribution



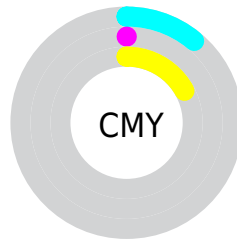
- Red (89%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.8400, -14.2181, -13.0147 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 240.8400, -14.2181, -13.0147 by changing the saturation by 10% instead.

■ 240.8400,
-14.2181, -13.0147

■ 240.8400,
-14.2181, -13.0147

255.0000, 0.0000,
0.0000

■ 212.2530,
-13.9287, -12.4999

■ 184.3670,
-13.4919, -12.5999

■ 157.7800,
-13.2025, -12.0851

■ 131.3070,
-12.4764, -11.6702

■ 106.4210,
-12.0396, -11.7702

■ 81.8340, -11.7502,
-11.2554

■ 58.3610, -11.0240,

-10.8406

■ 36.4750, -10.5872,
-10.9406

■ 15.8490, -7.8136,
-13.8996

■ 240.8400,
-14.2181, -13.0147

■ 240.8400,
-14.2181, -13.0147

■ 232.9070,
-22.6322, -20.9664

■ 248.7730, -5.8041,
-5.0629

■ 224.8600,
-31.4830, -28.8182

254.4130, 0.2894,
0.5148

■ 216.9270,
-39.8970, -36.7700

■ 208.8800,
-48.7478, -44.6218

■ 200.9470,
-57.1619, -52.5735

■ 193.0140,
-65.5759, -60.5253

■ 184.9670,
-74.4267, -68.3771

■ 177.3330,
-82.9882, -75.7140

■ 174.5130,
-86.0349, -78.5029

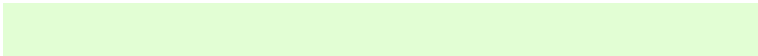
Harmonies

Analogous

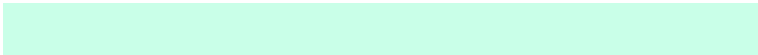
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.8380, -21.1191, 7.1581



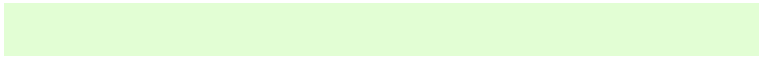
240.8400, -14.2181, -13.0147



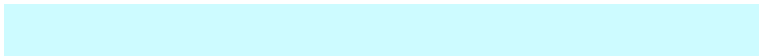
236.2320, -2.0864, -30.8985

Triad

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



240.8400, -14.2181, -13.0147



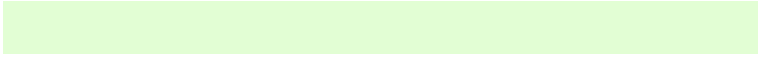
237.7020, 8.5279, -28.6797



238.0450, -1.5012, 14.8695

Complementary

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



240.8400, -14.2181, -13.0147



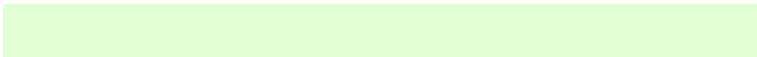
225.1600, 14.2181, 13.0147

Split Complementary

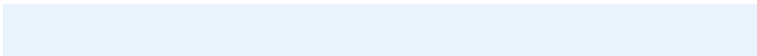
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.9454, 12.3552



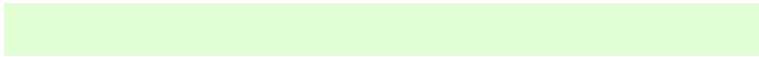
240.8400, -14.2181, -13.0147



242.2640, 6.2788, -7.2475

Square

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



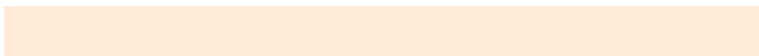
240.8400, -14.2181, -13.0147



234.3690, 10.1711, -42.4196



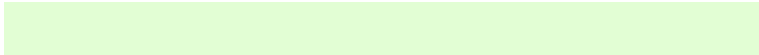
243.8470, 5.4984, 9.7812



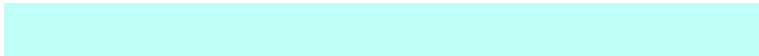
237.5260, -11.1053, 15.3247

Rectangle

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



240.8400, -14.2181, -13.0147



234.7670, 6.5239, -39.2607



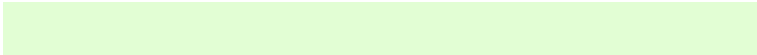
243.8470, 5.4984, 9.7812



238.9570, 1.9932, 14.0697

Sweetspot

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



240.8400, -14.2181, -13.0147



251.1260, -4.4991, -3.6185



240.9940, -14.2940, 11.4063



125.2940, -2.6099, -2.8888



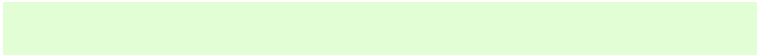
0.0000, 0.0000, 0.0000



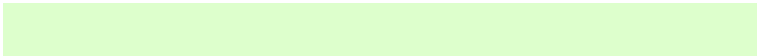
128.0000, 0.0000, 0.0000

Same Dimension

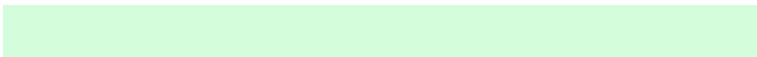
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.8400, -14.2181, -13.0147



239.0200, -17.2649, -15.8035



237.4520, -9.0968, -22.3214



123.8270, -4.3517, -4.2333



131.2530, -64.7077, -58.9809



43.8470, -21.6166, -20.0368

Inverse Universe

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



225.1600, 14.2181, 13.0147



219.9800, 17.2649, 15.8035



228.5480, 9.0968, 22.3214



118.8740, 4.4991, 3.6185



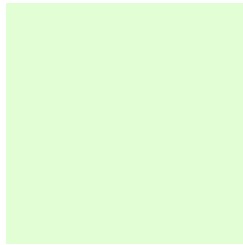
60.0460, 64.5603, 59.5957



20.1530, 21.6166, 20.0368

Previews

White Background



This preview shows how the YUV color 240.8400, -14.2181, -13.0147 looks on a white background.

Color Contrast Check

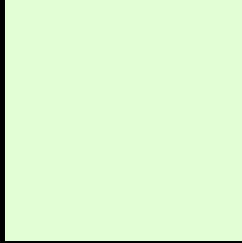
Large Text (above 18pt) WCAG AA × Fail

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 240.8400, -14.2181, -13.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

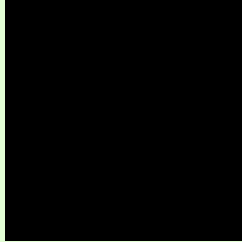
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

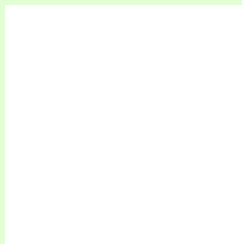
Any Text WCAG AAA ✓ Pass

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

YUV 240.8400, -14.2181, -13.0147 Background



This preview shows how black text looks on a background with the YUV color 240.8400, -14.2181, -13.0147.



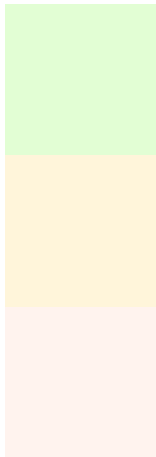
This preview shows how white text looks on a background with the YUV color 240.8400, -14.2181, -13.0147.

-13.0147.

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

240.8400, -14.2181, -13.0147

Protanopia

244.9120, -13.2676, 8.8472

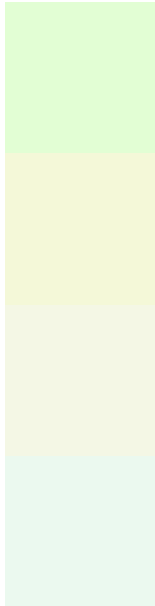
Deuteranopia

246.0180, -3.9529, 7.8772

Tritanopia

245.2320, 4.8156, -4.5885

Trichromacy



Original Color

240.8400, -14.2181, -13.0147

Protanomaly

243.1560, -13.3879, 0.7402

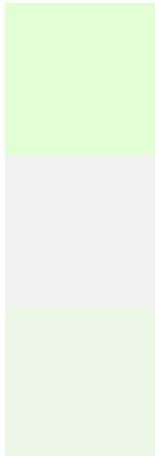
Deuteranomaly

244.0510, -7.4201, -0.0447

Tritanomaly

243.6740, -2.3043, -7.6071

Monochromacy



Original Color

240.8400, -14.2181, -13.0147

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.8400, -14.2181, -13.0147 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(226, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 254, 212)  
}
```

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(226, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 254, 212) }
```

Border

The CSS property to change the border of an element to YUV 240.8400, -14.2181, -13.0147 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(226, 254, 212) }
```


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

```
.border{ border-color:rgb(226, 254, 212) }
```

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

Here you see how a box with a 4 pixel rgb(226, 254, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 254,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 240.8400, -14.2181, -13.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 254, 212) }
```

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

```
.background{ background-color: rgb(226,  
254, 212) }
```

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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