

Converting Colors

YUV(231.8290, -14.2127,
-14.7590)

Have a look what the booklet for
YUV(231.8290, -14.2127, -14.7590)
contains.

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Color

**YUV(231.8290, -14.2127,
-14.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F6CB
RGB	215, 246, 203
RGB Percent	84%, 96%, 80%
CMY	0.1569, 0.0353, 0.2039
CMYK	0.13, 0.00, 0.17, 0.04
HSL	103°, 70%, 88%
HSV	103°, 17%, 96%
XYZ	71.7596, 84.6704, 69.0608
YIQ	231.8290, -4.6730, -19.9450

Conversions

Conversions Part 2

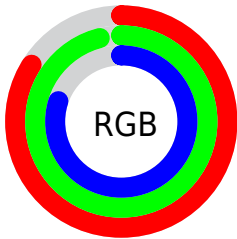
Format	Color
RYB	203, 246, 234
Decimal	14153419
CIELab	93.74, -17.74, 17.37
CIElCh	94, 24.825, 135.597
Yxy	84.6704, 0.3182, 0.3755
Android (android.graphics.Color)	4292343499 (0xFFD7F6CB)
YUV	231.8290, -14.2127, -14.7590
Hunter-Lab	92.0165, -21.8247, 19.9129

Details

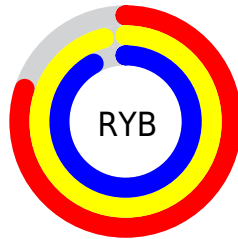
The YUV color $231.8290, -14.2127, -14.7590$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $217.1710, 14.2127, 14.7590$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.3560, -13.4865, -14.3442$ is the 20% darker color. If you saturate the color by 10%, you get $223.5970, -22.4793, -23.3256$, and if you desaturate by 10%, it is $240.0610, -5.9461, -6.1925$.

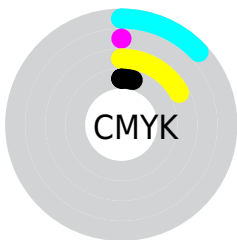
Distribution



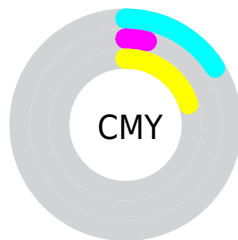
- Red (84%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.8290, -14.2127, -14.7590 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 231.8290, -14.2127, -14.7590 by changing the saturation by 10% instead.

■ 231.8290,
-14.2127, -14.7590

■ 231.8290,
-14.2127, -14.7590

255.0000, 0.0000,
0.0000

■ 203.3560,
-13.4865, -14.3442

■ 176.3560,
-13.4865, -14.3442

■ 149.7690,
-13.1971, -13.8294

■ 123.2960,
-12.4709, -13.4146

■ 98.4100, -12.0341,
-13.5146

■ 74.2360, -11.4553,
-12.4850

■ 51.3500, -11.0185,

-12.5849

■ 29.5350, -11.6028,
-11.8702

■ 12.9140, -6.3666,
-11.3256

■ 231.8290,
-14.2127, -14.7590

■ 231.8290,
-14.2127, -14.7590

■ 223.5970,
-22.4793, -23.3256

■ 240.0610, -5.9461,
-6.1925

■ 215.7780,
-30.4566, -31.3773

■ 247.8800, 2.0312,
1.8592

■ 207.5460,
-38.7232, -39.9438

■ 249.7170, 2.6045,
4.6332

■ 199.4280,
-46.5530, -48.6104

■ 191.1960,
-54.8196, -57.1769

■ 183.2630,
-63.2337, -65.1287

■ 175.1450,
-71.0635, -73.7952

■ 166.9130,
-79.3301, -82.3617

■ 165.0330,
-81.3613, -84.2209

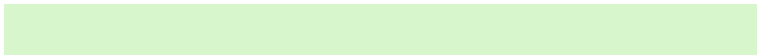
Harmonies

Analogous

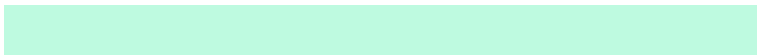
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.4250, -21.4085, 6.6433



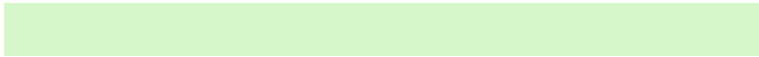
231.8290, -14.2127, -14.7590



229.0960, -2.5123, -34.2872

Triad

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



231.8290, -14.2127, -14.7590



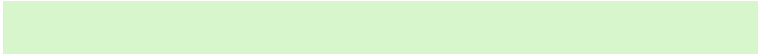
230.0160, 12.3171, -30.7090



231.0350, -2.9753, 21.0173

Complementary

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



231.8290, -14.2127, -14.7590



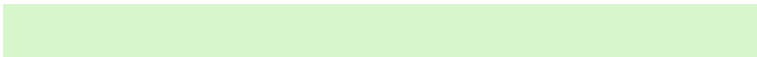
217.1710, 14.2127, 14.7590

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.



234.4720, 7.6553, 18.0031



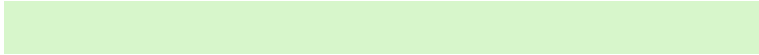
231.8290, -14.2127, -14.7590



234.5890, 10.0626, -7.5326

Square

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



231.8290, -14.2127, -14.7590



226.9710, 13.8183, -45.5786



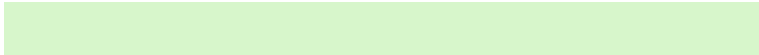
238.5640, 8.1029, 14.4144



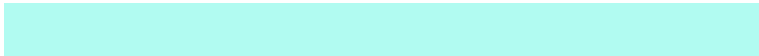
230.9890, -13.3056, 21.0576

Rectangle

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



231.8290, -14.2127, -14.7590



227.7340, 6.5401, -44.4937



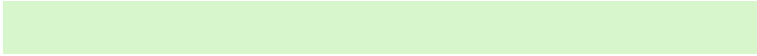
238.5640, 8.1029, 14.4144



231.9470, 0.5191, 20.2175

Sweetspot

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



231.8290, -14.2127, -14.7590



250.8270, -4.3517, -4.2333



234.0540, -15.3096, 10.4766



125.2940, -2.6099, -2.8888



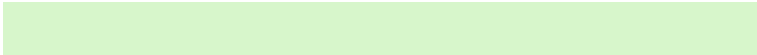
0.0000, 0.0000, 0.0000



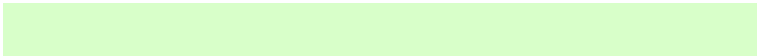
128.0000, 0.0000, 0.0000

Same Dimension

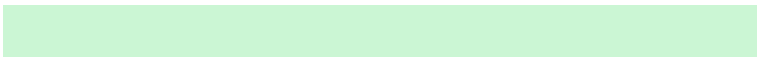
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.8290, -14.2127, -14.7590



237.1830, -17.8382, -18.5775



229.2670, -8.5126, -23.0362



118.2400, -4.0623, -3.7185



124.7300, -61.4919, -63.7842



39.4170, -19.4326, -20.5367

Inverse Universe

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



217.1710, 14.2127, 14.7590



218.8170, 17.8382, 18.5775



219.7330, 8.5126, 23.0362



114.0590, 3.9149, 4.3333



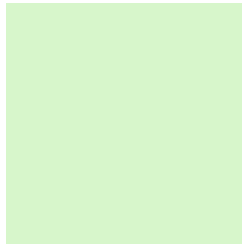
61.2700, 61.4919, 63.7842



19.2840, 19.5800, 19.9219

Previews

White Background



This preview shows how the YUV color 231.8290, -14.2127, -14.7590 looks on a white background.

Color Contrast Check

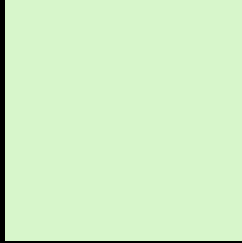
Large Text (above 18pt) WCAG AA × Fail

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 231.8290, -14.2127, -14.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

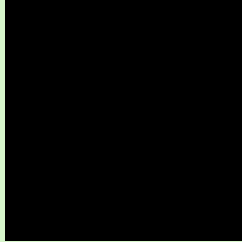
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

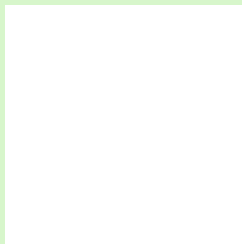
Any Text WCAG AAA ✓ Pass

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

YUV 231.8290, -14.2127, -14.7590 Background



This preview shows how black text looks on a background with the YUV color 231.8290, -14.2127, -14.7590.



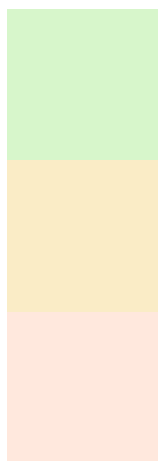
This preview shows how white text looks on a background with the YUV color 231.8290, -14.2127, -14.7590.

-14.7590.

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

231.8290, -14.2127, -14.7590

Protanopia

235.8540, -18.6620, 12.4060

Deuteranopia

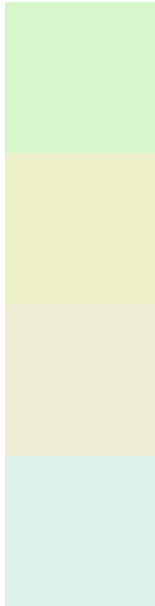
237.6230, -8.1951, 15.2396



Tritanopia

236.0510, 9.3419, -9.6917

Trichromacy



Original Color

231.8290, -14.2127, -14.7590

Protanomaly

234.5430, -17.0297, 2.1548

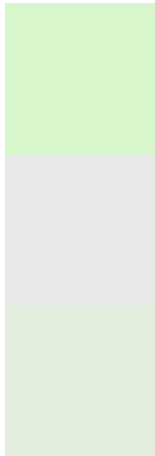
Deuteranomaly

235.2750, -10.4886, 4.1438

Tritanomaly

234.4500, 0.7642, -11.7956

Monochromacy



Original Color

231.8290, -14.2127, -14.7590

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.8870, -5.3673, -5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.8290, -14.2127, -14.7590 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(215, 246, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 246, 203)  
}
```

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(215, 246, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 246, 203) }
```

Border

The CSS property to change the border of an element to YUV 231.8290, -14.2127, -14.7590 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(215, 246, 203) }
```


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

```
.border{ border-color:rgb(215, 246, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 246, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 246, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 246, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 246,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 231.8290, -14.2127, -14.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 246, 203) }
```

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

```
.background{ background-color: rgb(215,  
246, 203) }
```

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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