

Converting Colors

YUV(234.5070, -9.1240,
-13.5996)

Have a look what the booklet for
YUV(234.5070, -9.1240, -13.5996)
contains.

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Color

**YUV(234.5070, -9.1240,
-13.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF6D8
RGB	219, 246, 216
RGB Percent	86%, 96%, 85%
CMY	0.1412, 0.0353, 0.1529
CMYK	0.11, 0.00, 0.12, 0.04
HSL	114°, 63%, 91%
HSV	114°, 12%, 96%
XYZ	74.5639, 85.9295, 77.6219
YIQ	234.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

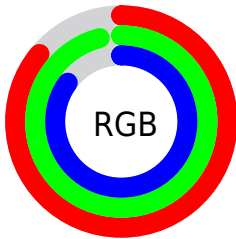
Format	Color
R _Y B	216, 246, 243
Decimal	14415576
CIE Lab	94.28, -14.21, 11.48
CIE LCh	94, 18.269, 141.080
Yxy	85.9295, 0.3131, 0.3609
Android (android.graphics.Color)	4292605656 (0xFFDBF6D8)
YUV	234.5070, -9.1240, -13.5996
Hunter-Lab	92.6982, -18.6413, 15.2415

Details

The YUV color $234.5070, -9.1240, -13.5996$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $227.4930, 9.1240, 13.5996$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.9200, -8.8346, -13.0848$ is the 20% darker color. If you saturate the color by 10%, you get $225.0790, -16.8009, -24.6253$, and if you desaturate by 10%, it is $243.9350, -1.4470, -2.5740$.

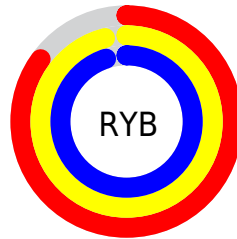
Distribution



Red (86%)

Green (96%)

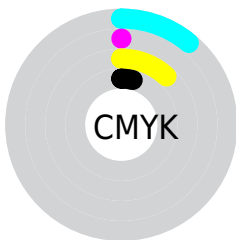
Blue (85%)



Red (85%)

Yellow (96%)

Blue (95%)

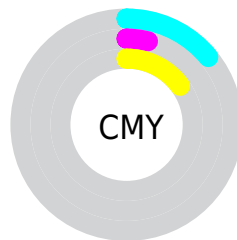


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (14%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.5070, -9.1240, -13.5996 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 234.5070, -9.1240, -13.5996 by changing the saturation by 10% instead.

■ 234.5070, -9.1240,
-13.5996

■ 234.5070, -9.1240,
-13.5996

255.0000, 0.0000,
0.0000

■ 206.5070, -9.1240,
-13.5996

■ 178.9200, -8.8346,
-13.0848

■ 152.0340, -8.3978,
-13.1848

■ 125.8600, -7.8190,
-12.1552

■ 100.8600, -7.8190,
-12.1552

■ 76.6860, -7.2402,
-11.1256

■ 53.8000, -6.8034,

-11.2256

■ 32.3270, -6.0772,
-10.8108

■ 12.9140, -6.3666,
-11.3256

■ 234.5070, -9.1240,
-13.5996

■ 234.5070, -9.1240,
-13.5996

■ 225.0790,
-16.8009, -24.6253

■ 243.9350, -1.4470,
-2.5740

■ 215.7650,
-24.0411, -35.7509

■ 249.7170, 2.6045,
4.6332

■ 206.3370,
-31.7181, -46.7765

■ 196.7240,
-38.8109, -58.5169

■ 187.2960,
-46.4879, -69.5426

■ 177.8680,
-54.1649, -80.5682

■ 168.5540,
-61.4051, -91.6939

■ 159.1260,
-69.0821, -102.7195

■ 151.8770,
-74.8754, -111.2711

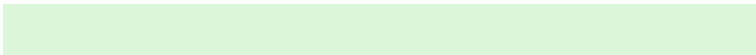
Harmonies

Analogous

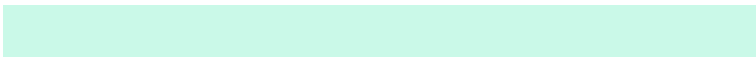
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.4120, -14.9931, 2.2697



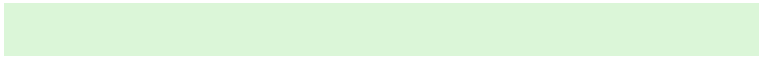
234.5070, -9.1240, -13.5996



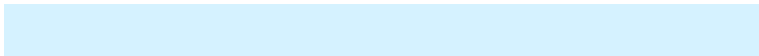
233.0090, -0.4974, -27.1949

Triad

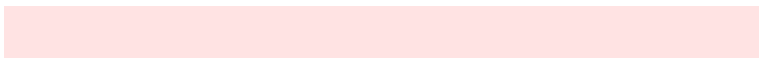
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.5070, -9.1240, -13.5996



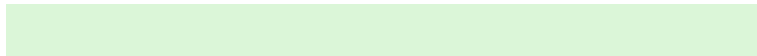
234.8110, 9.9532, -19.1282



235.3720, -4.1274, 17.2138

Complementary

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



234.5070, -9.1240, -13.5996



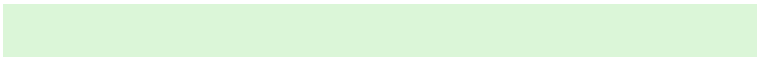
227.4930, 9.1240, 13.5996

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.



237.4240, 3.7350, 15.4142



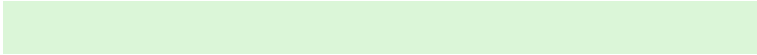
234.5070, -9.1240, -13.5996



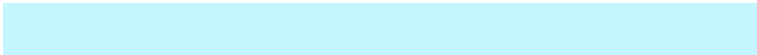
237.8670, 8.4466, -2.5144

Square

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



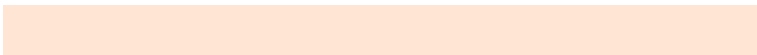
234.5070, -9.1240, -13.5996



232.3750, 11.1541, -31.0239



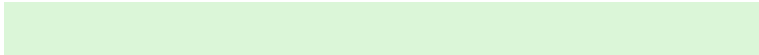
240.3250, 7.2348, 12.8700



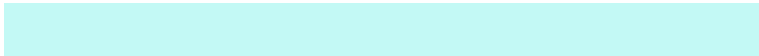
235.4230, -11.5475, 17.1690

Rectangle

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



234.5070, -9.1240, -13.5996



232.3980, 6.2128, -32.7980



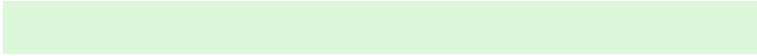
240.3250, 7.2348, 12.8700



235.3550, -1.6540, 17.2287

Sweetspot

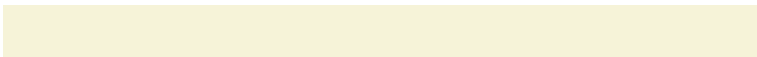
The Sweet Spot groups the original color and five complimentary colors.



234.5070, -9.1240, -13.5996



251.1690, -3.0413, -4.5332



240.8190, -12.2358, 4.5437



125.4080, -2.1731, -2.9888



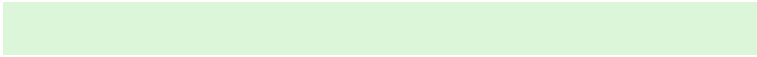
0.0000, 0.0000, 0.0000



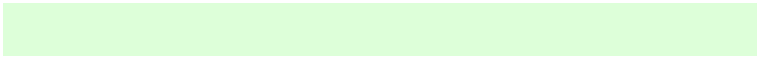
128.0000, 0.0000, 0.0000

Same Dimension

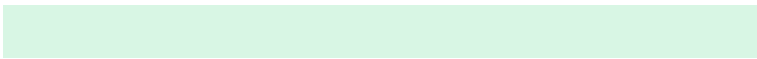
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.5070, -9.1240, -13.5996



240.5020, -11.5865, -17.1033



234.9780, -3.4402, -16.6437



117.3430, -3.6201, -5.5628



114.8630, -56.6275, -84.0719



36.4270, -17.9585, -26.6845

Inverse Universe

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



227.4930, 9.1240, 13.5996



231.4980, 11.5865, 17.1033



227.0220, 3.4402, 16.6437



114.6570, 3.6201, 5.5628



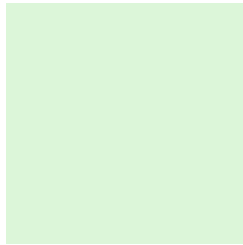
71.4360, 56.4801, 84.6866



22.5730, 17.9585, 26.6845

Previews

White Background



This preview shows how the YUV color 234.5070, -9.1240, -13.5996 looks on a white background.

Color Contrast Check

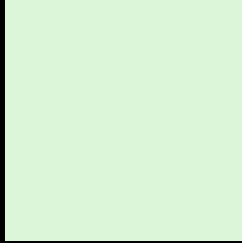
Large Text (above 18pt) WCAG AA × Fail

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 234.5070, -9.1240, -13.5996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

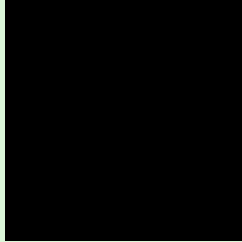
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

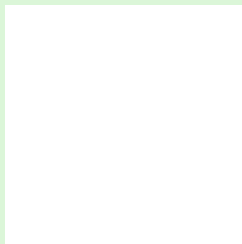
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.5070, -9.1240, -13.5996

Background



This preview shows how black text looks on a background with the YUV color 234.5070, -9.1240, -13.5996.



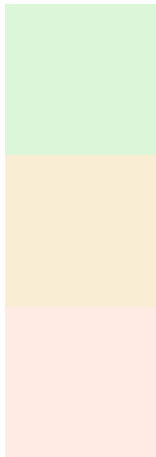
This preview shows how white text looks on a background with the YUV color 234.5070, -9.1240, -13.5996.

-13.5996.

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

234.5070, -9.1240, -13.5996

Protanopia

237.7380, -12.6888, 9.8768

Deuteranopia

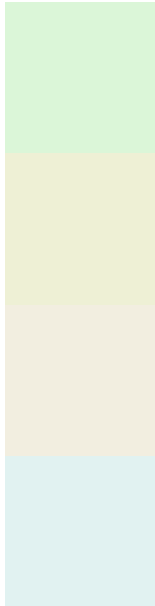
239.5950, -5.7163, 13.5102



Tritanopia

238.1220, 8.3209, -8.8770

Trichromacy



Original Color

234.5070, -9.1240, -13.5996

Protanomaly

236.3240, -11.4987, 1.4699

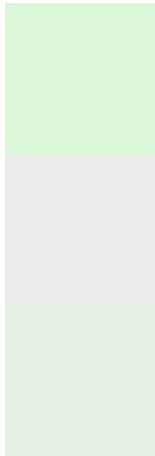
Deuteranomaly

237.6000, -6.7048, 3.8588

Tritanomaly

236.8030, 2.0691, -10.3512

Monochromacy



Original Color

234.5070, -9.1240, -13.5996

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.5070, -9.1240, -13.5996 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(219, 246, 216)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 216)  
}
```

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(219, 246, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 216) }
```

Border

The CSS property to change the border of an element to YUV 234.5070, -9.1240, -13.5996 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(219, 246, 216) }
```


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

```
.border{ border-color:rgb(219, 246, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 246, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 246, 216); box-shadow:4px 4px 4px 4px rgb(219, 246, 216) }
```

Background

The CSS property to change the background color of an element to YUV 234.5070, -9.1240, -13.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 216) }
```

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

```
.background{ background-color: rgb(219,  
246, 216) }
```

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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