

Converting Colors

YUV(239.9170, -17.7071,
-13.9592)

Have a look what the booklet for
YUV(239.9170, -17.7071, -13.9592)
contains.

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Color

**YUV(239.9170, -17.7071,
-13.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFCC
RGB	224, 255, 204
RGB Percent	88%, 100%, 80%
CMY	0.1216, 0.0000, 0.2000
CMYK	0.12, 0.00, 0.20, 0.00
HSL	96°, 100%, 90%
HSV	96°, 20%, 100%
XYZ	77.3996, 91.7269, 70.7524
YIQ	239.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

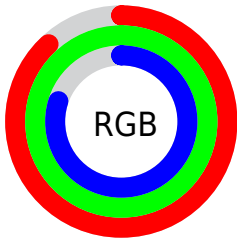
Format	Color
RYB	204, 255, 235
Decimal	14745548
CIELab	96.71, -18.90, 21.09
CIELCh	97, 28.323, 131.857
Yxy	91.7269, 0.3227, 0.3824
Android (android.graphics.Color)	4292935628 (0xFFE0FFCC)
YUV	239.9170, -17.7071, -13.9592
Hunter-Lab	95.7742, -23.3507, 23.2419

Details

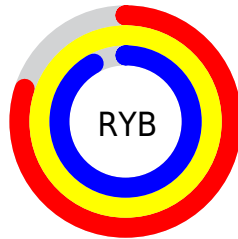
The YUV color $239.9170, -17.7071, -13.9592$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $219.0830, 17.7071, 13.9592$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.5580, -16.5441, -13.6444$ is the 20% darker color. If you saturate the color by 10%, you get $232.5820, -26.4159, -20.6814$, and if you desaturate by 10%, it is $247.6650, -8.7088, -6.7222$.

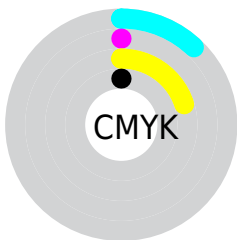
Distribution



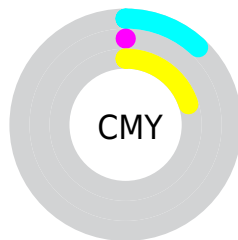
- Red (88%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.9170, -17.7071, -13.9592 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 239.9170, -17.7071, -13.9592 by changing the saturation by 10% instead.

■ 239.9170,
-17.7071, -13.9592

■ 239.9170,
-17.7071, -13.9592

255.0000, 0.0000,
0.0000

■ 211.3300,
-17.4177, -13.4444

■ 183.5580,
-16.5441, -13.6444

■ 156.9710,
-16.2547, -13.1296

■ 130.4980,
-15.5285, -12.7147

■ 105.4980,
-15.5285, -12.7147

■ 81.0250, -14.8023,
-12.2999

■ 57.2530, -13.9287,

-12.4999

■ 34.5520, -14.0761,
-11.8851

■ 16.4360, -8.1029,
-14.4144

■ 239.9170,
-17.7071, -13.9592

■ 239.9170,
-17.7071, -13.9592

■ 232.5820,
-26.4159, -20.6814

■ 247.6650, -8.7088,
-6.7222

■ 224.8340,
-35.4142, -27.9184

255.0000, 0.0000,
0.0000

■ 217.4990,
-44.1230, -34.6406

■ 209.7510,
-53.1212, -41.8776

■ 202.4160,
-61.8301, -48.5998

■ 194.6680,
-70.8283, -55.8368

■ 186.9200,
-79.8266, -63.0738

■ 179.5850,
-88.5354, -69.7960

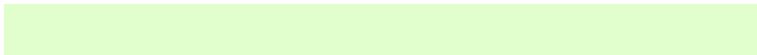
Harmonies

Analogous

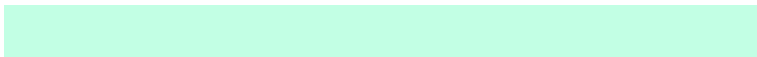
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.1220, -25.2031, 10.4170



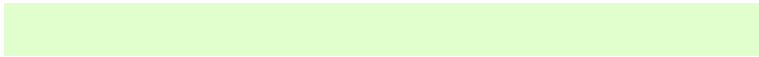
239.9170, -17.7071, -13.9592



233.6830, -2.8017, -34.8020

Triad

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



239.9170, -17.7071, -13.9592



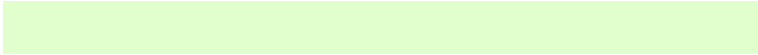
234.9890, 9.8654, -37.7014



235.6970, -0.3436, 16.9287

Complementary

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



239.9170, -17.7071, -13.9592



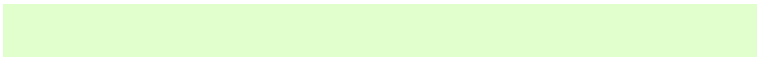
219.0830, 17.7071, 13.9592

Split Complementary

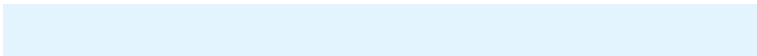
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.1510, 7.8136, 13.8996



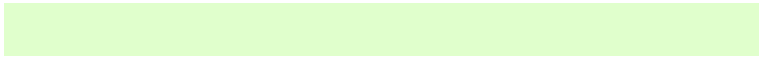
239.9170, -17.7071, -13.9592



240.4700, 7.1633, -10.9362

Square

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



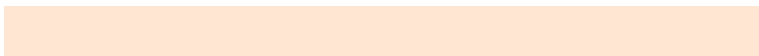
239.9170, -17.7071, -13.9592



229.8840, 12.3822, -51.6413



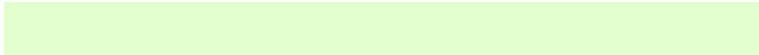
243.2600, 5.7878, 10.2960



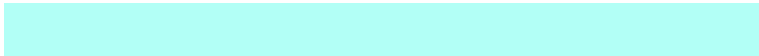
235.1950, -12.4211, 17.3690

Rectangle

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



239.9170, -17.7071, -13.9592



230.9510, 7.4192, -46.4380



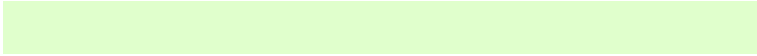
243.2600, 5.7878, 10.2960



236.8370, 4.0244, 15.9290

Sweetspot

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



239.9170, -17.7071, -13.9592



250.5990, -5.2253, -4.0333



237.4460, -16.4889, 15.3949



125.1800, -3.0467, -2.7889



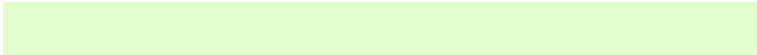
0.0000, 0.0000, 0.0000



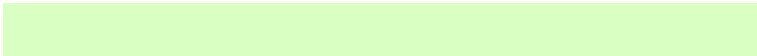
128.0000, 0.0000, 0.0000

Same Dimension

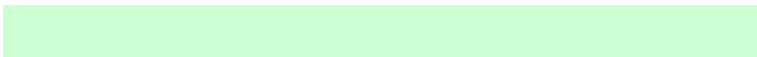
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.9170, -17.7071, -13.9592



236.9830, -21.1906, -16.6481



234.5070, -12.5750, -26.7546



124.1260, -4.4991, -3.6185



134.5420, -66.3292, -52.2183



45.0430, -22.2062, -17.5777

Inverse Universe

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



219.0830, 17.7071, 13.9592



212.0170, 21.1906, 16.6481



224.4930, 12.5750, 26.7546



118.8740, 4.4991, 3.6185



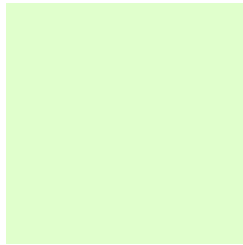
56.4580, 66.3292, 52.2183



18.9570, 22.2062, 17.5777

Previews

White Background



This preview shows how the YUV color 239.9170, -17.7071, -13.9592 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 239.9170, -17.7071, -13.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

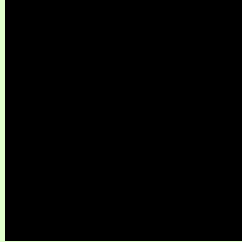
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

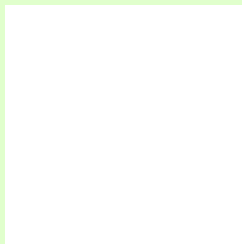
Any Text WCAG AAA ✓ Pass

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

YUV 239.9170, -17.7071, -13.9592 Background



This preview shows how black text looks on a background with the YUV color 239.9170, -17.7071, -13.9592.



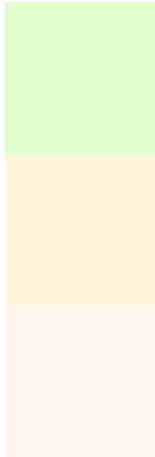
This preview shows how white text looks on a background with the YUV color 239.9170, -17.7071, -13.9592.

-13.9592.

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

239.9170, -17.7071, -13.9592

Protanopia

244.6840, -14.1412, 9.0471

Deuteranopia

245.7900, -4.8265, 8.0772

Tritanopia

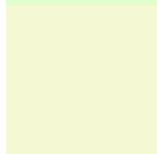
245.2320, 4.8156, -4.5885

Trichromacy



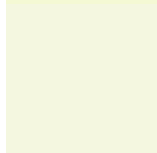
Original Color

239.9170, -17.7071, -13.9592



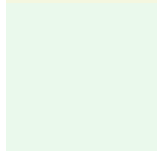
Protanomaly

243.2870, -15.4245, 0.6253



Deuteranomaly

243.4810, -9.6041, 0.4552



Tritanomaly

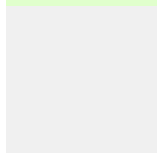
243.0330, -3.4673, -7.9219

Monochromacy



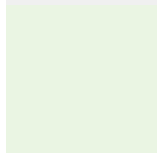
Original Color

239.9170, -17.7071, -13.9592



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

239.6590, -6.2409, -4.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.9170, -17.7071, -13.9592 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(224, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 204)  
}
```

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(224, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 204) }
```

Border

The CSS property to change the border of an element to YUV 239.9170, -17.7071, -13.9592 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(224, 255, 204) }
```


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

```
.border{ border-color:rgb(224, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(224, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 239.9170, -17.7071, -13.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 204) }
```

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

```
.background{ background-color: rgb(224,  
255, 204) }
```

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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