

Converting Colors

YUV(232.9070, -39.3942,
-11.3194)

Have a look what the booklet for
YUV(232.9070, -39.3942, -11.3194)
contains.

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Color

**YUV(232.9070, -39.3942,
-11.3194)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCFF99 |
| RGB | 220, 255, 153 |
| RGB Percent | 86%, 100%, 60% |
| CMY | 0.1373, 0.0000, 0.4000 |
| CMYK | 0.14, 0.00, 0.40, 0.00 |
| HSL | 81°, 100%, 80% |
| HSV | 81°, 40%, 100% |
| XYZ | 71.0250, 89.0356, 43.5792 |
| YIQ | 232.9070, 11.8820, -39.1420 |

Conversions

Conversions Part 2

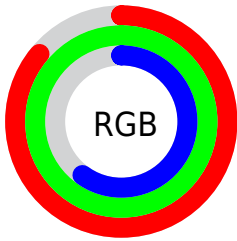
| Format | Color |
|-------------------------------------|--|
| RYB | 153, 255, 188 |
| Decimal | 14483353 |
| CIELab | 95.60, -27.29, 45.02 |
| CIELCh | 96, 52.640, 121.224 |
| Yxy | 89.0356, 0.3488, 0.4372 |
| Android (android.graphics.Color) | 4292673433 (0xFFDCFF99) |
| YUV | 232.9070, -39.3942, -11.3194 |
| Hunter-Lab | 94.3587, -30.7684, 38.6682 |

Details

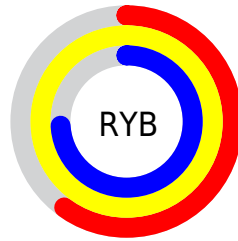
The YUV color **232.9070, -39.3942, -11.3194** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **175.0930, 39.3942, 11.3194**, and the grayscale version is **233.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7560, -20.0927, 4.5990**, and **176.3630, -37.6470, -11.7194** is the 20% darker color. If you saturate the color by 10%, you get **227.3660, -48.9874, -14.3530**, and if you desaturate by 10%, it is **238.5620, -29.3641, -8.3859**.

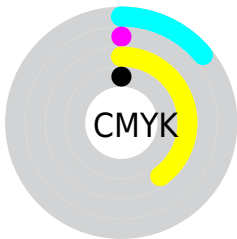
Distribution



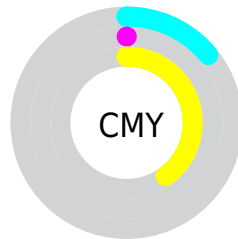
- Red (86%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9070, -39.3942, -11.3194 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 232.9070, -39.3942, -11.3194 by changing the saturation by 10% instead.

■ 232.9070,
-39.3942, -11.3194

■ 232.9070,
-39.3942, -11.3194

255.0000, 0.0000,
0.0000

■ 204.1350,
-38.5206, -11.5194

■ 249.7560,
-20.0927, 4.5990

■ 176.3630,
-37.6470, -11.7194

■ 252.9480, -7.8624,
1.7996

■ 149.5910,
-36.7734, -11.9193

■ 122.7050,
-36.3366, -12.0193

■ 96.5910, -36.7734,
-11.9193

■ 72.5200, -35.7524,
-12.7340

■ 51.2560, -25.2692,

-15.1335

■ 28.4860, -14.0436,
-22.3512

■ 16.4360, -8.1029,
-14.4144

■ 232.9070,
-39.3942, -11.3194

■ 232.9070,
-39.3942, -11.3194

■ 227.3660,
-48.9874, -14.3530

■ 238.5620,
-29.3641, -8.3859

■ 222.0100,
-59.1649, -16.6718

■ 244.1030,
-19.7708, -5.3523

■ 216.4690,
-68.7582, -19.7053

■ 249.4590, -9.5933,
-3.0335

■ 210.8140,
-78.7883, -22.6389

255.0000, 0.0000,
0.0000

■ 205.1590,
-88.8184, -25.5724

■ 199.9170,
-98.5591, -27.9912

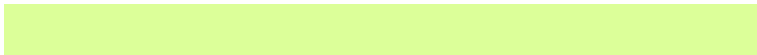
Harmonies

Analogous

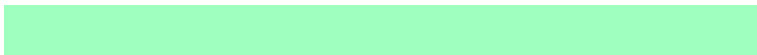
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.9710, -46.3277, 19.3194



232.9070, -39.3942, -11.3194



218.7010, -13.6566, -53.2348

Triad

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



232.9070, -39.3942, -11.3194



195.7980, 29.1866, -121.7258



222.4070, 9.6593, 28.5841

Complementary

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



232.9070, -39.3942, -11.3194



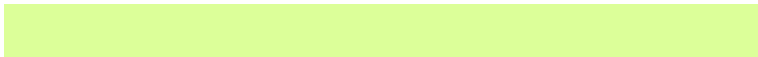
175.0930, 39.3942, 11.3194

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.



229.1720, 12.7332, 22.6512



232.9070, -39.3942, -11.3194



224.5900, 14.9921, -48.7524

Square

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



232.9070, -39.3942, -11.3194



178.7550, 37.5888, -156.7681



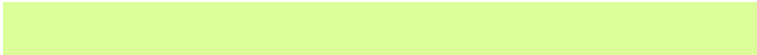
237.6560, 8.5506, 10.8257



219.6420, -13.6275, 31.0090

Rectangle

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



232.9070, -39.3942, -11.3194



207.6270, 8.5649, -87.3729



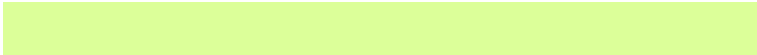
237.6560, 8.5506, 10.8257



224.4760, 15.0483, 26.7695

Sweetspot

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



232.9070, -39.3942, -11.3194



248.4760, -12.0667, -3.0485



203.4560, -24.8748, 45.2041



123.8550, -6.8305, -2.5038



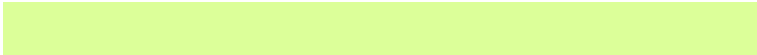
0.0000, 0.0000, 0.0000



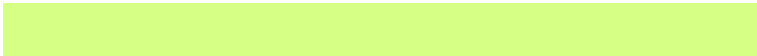
128.0000, 0.0000, 0.0000

Same Dimension

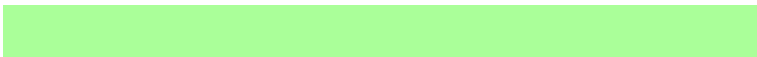
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.9070, -39.3942, -11.3194



228.5340, -47.0983, -13.6233



217.9570, -32.0238, -42.0583



125.0230, -4.9413, -1.7742



149.7910, -73.8470, -20.8647



50.1260, -24.7121, -7.1265

Inverse Universe

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



175.0930, 39.3942, 11.3194



159.4660, 47.0983, 13.6233



190.0430, 32.0238, 42.0583



117.6780, 5.0887, 1.1594



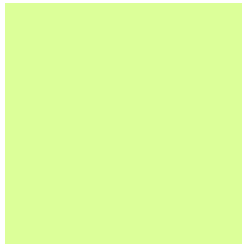
41.5080, 73.6996, 21.4795



13.8740, 24.7121, 7.1265

Previews

White Background



This preview shows how the YUV color 232.9070, -39.3942, -11.3194 looks on a white background.

Color Contrast Check

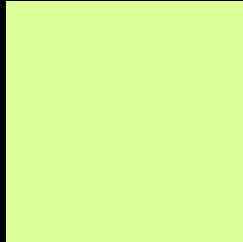
Large Text (above 18pt) WCAG AA × Fail

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 232.9070, -39.3942, -11.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

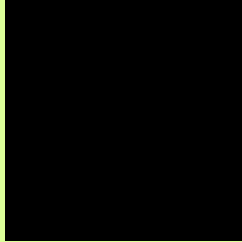
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

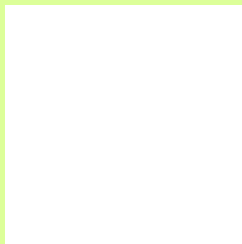
Any Text WCAG AAA ✓ Pass

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

YUV 232.9070, -39.3942, -11.3194 Background



This preview shows how black text looks on a background with the YUV color 232.9070, -39.3942, -11.3194.



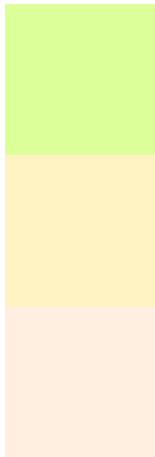
This preview shows how white text looks on a background with the YUV color 232.9070, -39.3942, -11.3194.

-11.3194.

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

232.9070, -39.3942, -11.3194

Protanopia

240.4150, -22.8826, 12.7910

Deuteranopia

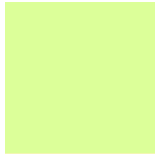
242.1880, -8.4737, 11.2361



Tritanopia

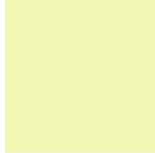
241.9870, 6.4154, -4.3736

Trichromacy



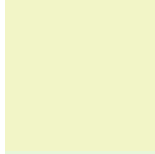
Original Color

232.9070, -39.3942, -11.3194



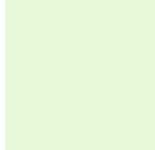
Protanomaly

237.7530, -28.9652, 3.7246



Deuteranomaly

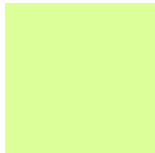
238.8590, -19.6505, 2.7547



Tritanomaly

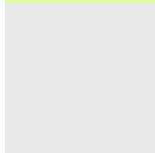
238.9100, -10.3086, -6.9371

Monochromacy



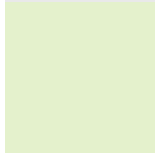
Original Color

232.9070, -39.3942, -11.3194



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.8950, -14.2452, -4.2929

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9070, -39.3942, -11.3194 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(220, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 153)  
}
```

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(220, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 153) }
```

Border

The CSS property to change the border of an element to YUV 232.9070, -39.3942, -11.3194 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(220, 255, 153) }
```


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

```
.border{ border-color:rgb(220, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 232.9070, -39.3942, -11.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 153) }
```

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

```
.background{ background-color: rgb(220,  
255, 153) }
```

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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