

Converting Colors

YUV(224.1420, -39.0170,
7.7685)

Have a look what the booklet for
YUV(224.1420, -39.0170, 7.7685)
contains.

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Color

**YUV(224.1420, -39.0170,
7.7685)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EB91
RGB	233, 235, 145
RGB Percent	91%, 92%, 57%
CMY	0.0863, 0.0784, 0.4314
CMYK	0.01, 0.00, 0.38, 0.08
HSL	61°, 69%, 75%
HSV	61°, 38%, 92%
XYZ	68.4234, 78.7846, 38.3887
YIQ	224.1420, 27.6980, -28.4140

Conversions

Conversions Part 2

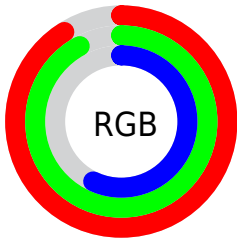
Format	Color
RYB	145, 235, 147
Decimal	15330193
CIELab	91.14, -13.68, 43.43
CIELCh	91, 45.532, 107.483
Yxy	78.7846, 0.3687, 0.4245
Android (android.graphics.Color)	4293520273 (0xFFE9EB91)
YUV	224.1420, -39.0170, 7.7685
Hunter-Lab	88.7607, -17.7300, 36.4898

Details

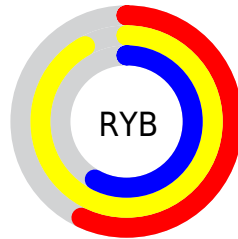
The YUV color $224.1420, -39.0170, 7.7685$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $155.8580, 39.0170, -7.7685$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7300, -24.0239, 5.4988$, and $168.2990, -37.1224, 6.7538$ is the 20% darker color. If you saturate the color by 10%, you get $221.2210, -48.9160, 9.4532$, and if you desaturate by 10%, it is $227.1770, -28.6813, 5.9838$.

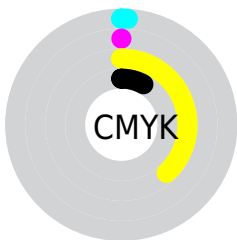
Distribution



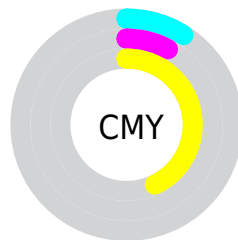
- Red (91%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.1420, -39.0170, 7.7685 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 224.1420, -39.0170, 7.7685 by changing the saturation by 10% instead.

■ 224.1420,
-39.0170, 7.7685

■ 224.1420,
-39.0170, 7.7685

255.0000, 0.0000,
0.0000

■ 196.0710,
-37.9960, 6.9537

■ 248.7300,
-24.0239, 5.4988

■ 168.2990,
-37.1224, 6.7538

■ 251.9220,
-11.7935, 2.6994

■ 141.8150,
-36.3908, 5.4242

■ 115.6300,
-35.8066, 4.7095

■ 90.1030, -36.5328,
4.2947

■ 66.7160, -32.8910,
2.8801

■ 46.0390, -22.6972,

-0.0342

■ 26.2370, -12.9348,
-4.5928

■ 4.6960, -2.3151,
-4.1184

■ 224.1420,
-39.0170, 7.7685

■ 224.1420,
-39.0170, 7.7685

■ 221.2210,
-48.9160, 9.4532

■ 227.1770,
-28.6813, 5.9838

■ 218.4850,
-59.3991, 11.8527

■ 229.7990,
-18.6349, 3.6843

■ 215.5640,
-69.2981, 13.5374

■ 232.7200, -8.7360,
1.9996

■ 212.8280,
-79.7812, 15.9368

■ 235.4560, 1.7472,
-0.3999

■ 209.7930,
-90.1169, 17.7215

■ 237.5790, 8.5886,
-1.3848

■ 207.1710,
-100.1633, 20.0210

■ 237.8780, 8.4411,
-0.7700

■ 206.7150,
-101.9105, 20.4209

■ 238.1770, 8.2937,
-0.1552

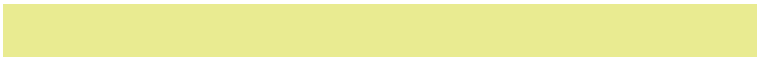
Harmonies

Analogous

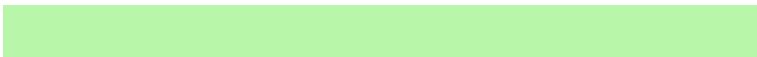
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3880, -38.6453, 28.6007



224.1420, -39.0170, 7.7685



218.6840, -24.4942, -30.4179

Triad

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



224.1420, -39.0170, 7.7685



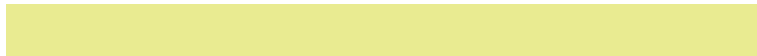
195.2660, 29.4489, -112.4893



220.9710, 14.3113, 29.8434

Complementary

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



224.1420, -39.0170, 7.7685



155.8580, 39.0170, -7.7685

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.



227.9980, 13.3120, 23.6808



224.1420, -39.0170, 7.7685



210.0270, 22.1717, -64.9217

Square

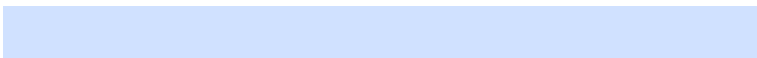
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.1420, -39.0170, 7.7685



198.6960, 27.2649, -111.9894



223.3370, 15.6099, -13.4505



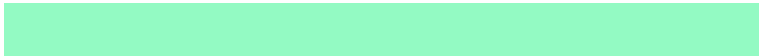
215.2540, -5.0552, 34.8572

Rectangle

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



224.1420, -39.0170, 7.7685



212.9330, -8.8410, -57.8232



223.3370, 15.6099, -13.4505



223.3020, 15.6271, 27.7991

Sweetspot

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



224.1420, -39.0170, 7.7685



251.5090, -12.0829, 2.1846



173.0840, -13.8454, 54.3003



125.7630, -7.2782, 1.0848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

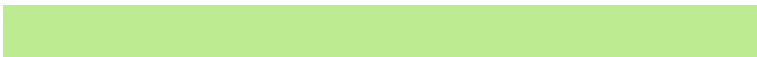
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.1420, -39.0170, 7.7685



240.7650, -50.6631, 9.8531



210.6870, -32.3837, -19.8965



115.7460, -4.8048, 1.0998



159.1700, -78.4708, 15.6369



47.2460, -23.2923, 4.1693

Inverse Universe

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



155.8580, 39.0170, -7.7685



151.9360, 50.8106, -10.4679



169.3130, 32.3837, 19.8965



107.2540, 4.8048, -1.0998



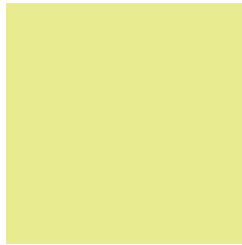
21.8300, 78.4708, -15.6369



6.4550, 23.4397, -4.7840

Previews

White Background



This preview shows how the YUV color 224.1420, -39.0170, 7.7685 looks on a white background.

Color Contrast Check

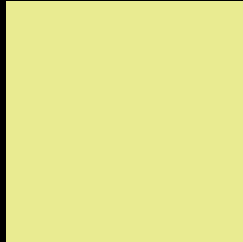
Large Text (above 18pt) WCAG AA × Fail

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 224.1420, -39.0170, 7.7685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

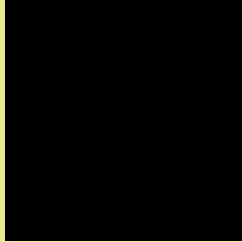
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.1420, -39.0170, 7.7685

Background



This preview shows how black text looks on a background with the YUV color 224.1420, -39.0170, 7.7685.



This preview shows how white text looks on a background with the YUV color 224.1420, -39.0170,

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

224.1420, -39.0170, 7.7685

Protanopia

225.4750, -40.6602, 21.5084

Deuteranopia

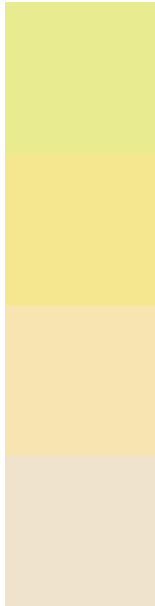
229.7350, -18.1104, 22.1574



Tritanopia

231.3310, 4.7668, 11.1107

Trichromacy



Original Color

224.1420, -39.0170, 7.7685

Protanomaly

224.9690, -39.9177, 16.6902

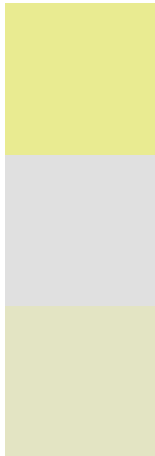
Deuteranomaly

227.7530, -25.5142, 16.8796

Tritanomaly

228.4930, -11.0890, 10.0916

Monochromacy



Original Color

224.1420, -39.0170, 7.7685

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.9390, -14.2669, 2.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.1420, -39.0170, 7.7685 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(233, 235, 145)` looks like.

```
.text, #text, p{  
    color:rgb(233, 235, 145)  
}
```

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(233, 235, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 235, 145) }
```

Border

The CSS property to change the border of an element to YUV 224.1420, -39.0170, 7.7685 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(233, 235, 145) }
```


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

```
.border{ border-color:rgb(233, 235, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 235, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 235, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 235, 145);  
box-shadow:4px 4px 4px 4px rgb(233, 235,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 224.1420, -39.0170, 7.7685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 235, 145) }
```

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

```
.background{ background-color: rgb(233,  
235, 145) }
```

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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