

Converting Colors

YUV(221.9430, -47.2999,
4.4350)

Have a look what the booklet for
YUV(221.9430, -47.2999, 4.4350)
contains.

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Color

**YUV(221.9430, -47.2999,
4.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EE7E
RGB	227, 238, 126
RGB Percent	89%, 93%, 49%
CMY	0.1098, 0.0667, 0.5059
CMYK	0.05, 0.00, 0.47, 0.07
HSL	66°, 77%, 71%
HSV	66°, 47%, 93%
XYZ	66.0190, 78.9863, 31.5050
YIQ	221.9430, 29.3960, -37.1640

Conversions

Conversions Part 2

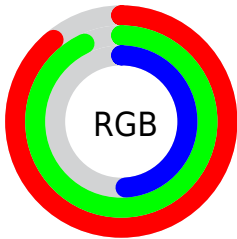
Format	Color
RYB	126, 238, 137
Decimal	14937726
CIELab	91.23, -19.38, 52.59
CIELCh	91, 56.052, 110.232
Yxy	78.9863, 0.3740, 0.4475
Android (android.graphics.Color)	4293127806 (0xFFE3EE7E)
YUV	221.9430, -47.2999, 4.4350
Hunter-Lab	88.8742, -22.9337, 41.1943

Details

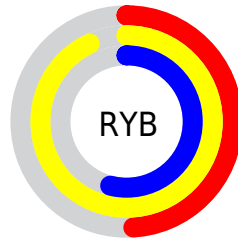
The YUV color **221.9430, -47.2999, 4.4350** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **142.0570, 47.2999, -4.4350**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5640, -32.3231, 7.3984**, and **165.9860, -45.8421, 3.5203** is the 20% darker color. If you saturate the color by 10%, you get **218.6090, -57.4882, 5.6049**, and if you desaturate by 10%, it is **225.2770, -37.1116, 3.2651**.

Distribution



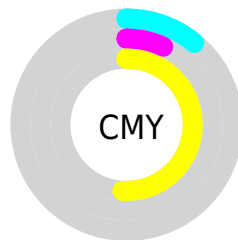
- Red (89%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9430, -47.2999, 4.4350 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 221.9430, -47.2999, 4.4350 by changing the saturation by 10% instead.

■ 221.9430,
-47.2999, 4.4350

■ 221.9430,
-47.2999, 4.4350

255.0000, 0.0000,
0.0000

■ 193.7580,
-46.7157, 3.7202

■ 246.5640,
-32.3231, 7.3984

■ 165.9860,
-45.8421, 3.5203

■ 249.7560,
-20.0927, 4.5990

■ 138.8010,
-45.2579, 2.8055

■ 253.0620, -7.4256,
1.6996

■ 111.9320,
-47.2945, 2.6906

■ 87.3600, -43.0685,
0.5613

■ 65.7970, -32.4379,
-2.4530

■ 44.5220, -21.9493,

-6.5968

■ 24.1220, -11.8921,
-12.3850

■ 4.6960, -2.3151,
-4.1184

■ 221.9430,
-47.2999, 4.4350

■ 221.9430,
-47.2999, 4.4350

■ 218.6090,
-57.4882, 5.6049

■ 225.2770,
-37.1116, 3.2651

■ 214.9760,
-67.5292, 6.1600

■ 228.9100,
-27.0706, 2.7099

■ 211.7560,
-77.2807, 7.2300

■ 232.1300,
-17.3191, 1.6400

■ 208.4220,
-87.4690, 8.3999

■ 235.4640, -7.1308,
0.4701

■ 204.7890,
-97.5100, 8.9550

■ 239.0970, 2.9102,
-0.0851

■ 203.9910,
-100.5676, 9.6549

■ 240.8350, 6.9833,
0.1447

■ 241.4330, 6.6885,
1.3743

■ 242.3300, 6.2463,
3.2186

■ 242.9280, 5.9515,
4.4481

Harmonies

Analogous

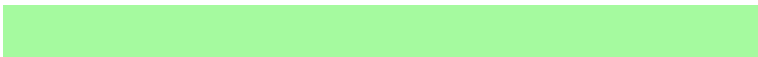
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.9940, -47.8180, 30.7003



221.9430, -47.2999, 4.4350



214.2110, -27.2190, -43.1580

Triad

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



221.9430, -47.2999, 4.4350



176.9940, 38.4570, -155.2237



215.1010, 17.2052, 34.9914

Complementary

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



221.9430, -47.2999, 4.4350



142.0570, 47.2999, -4.4350

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.



223.8890, 15.3377, 27.2843



221.9430, -47.2999, 4.4350



201.0350, 26.6047, -86.8537

Square

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



221.9430, -47.2999, 4.4350



178.7550, 37.5888, -156.7681



222.1630, 16.1886, -12.4210



208.8310, -6.8187, 40.4902

Rectangle

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



221.9430, -47.2999, 4.4350



205.6590, -6.7339, -80.3849



222.1630, 16.1886, -12.4210



217.4320, 18.5210, 32.9471

Sweetspot

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



221.9430, -47.2999, 4.4350



249.7000, -15.1351, 1.1401



164.7710, -19.1141, 64.2218



124.5950, -9.1673, 0.3552



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.



221.9430, -47.2999, 4.4350



234.5120, -60.3984, 5.6900



205.7970, -39.3399, -28.7630



118.3330, -5.0942, 0.5850



157.6420, -77.7175, 7.3300



48.1210, -23.7237, 2.5249

Inverse Universe

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



142.0570, 47.2999, -4.4350



132.4880, 60.3984, -5.6900



158.2030, 39.3399, 28.7630



109.6670, 5.0942, -0.5850



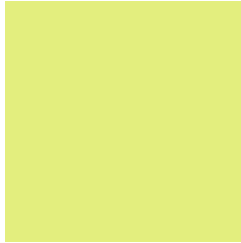
26.3580, 77.7175, -7.3300



8.1780, 23.5762, -1.9101

Previews

White Background



This preview shows how the YUV color 221.9430, -47.2999, 4.4350 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 221.9430, -47.2999, 4.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

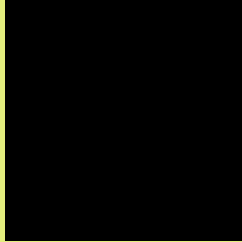
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.9430, -47.2999, 4.4350

Background



This preview shows how black text looks on a background with the YUV color 221.9430, -47.2999, 4.4350.



This preview shows how white text looks on a background with the YUV color 221.9430, -47.2999, 4.4350.

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

221.9430, -47.2999, 4.4350

Protanopia

224.6790, -50.1277, 24.8375

Deuteranopia

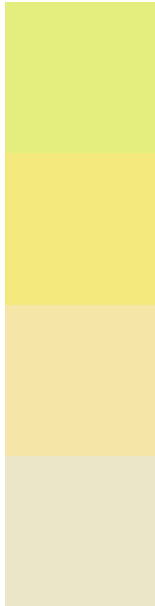
229.9800, -19.7101, 21.9425



Tritanopia

231.5370, 5.6513, 7.4221

Trichromacy



Original Color

221.9430, -47.2999, 4.4350

Protanomaly

223.8630, -49.2325, 17.6601

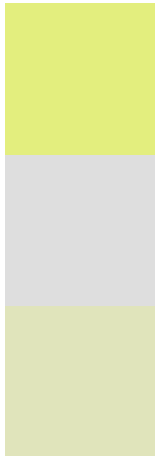
Deuteranomaly

227.3030, -29.7294, 15.5203

Tritanomaly

228.0750, -13.8410, 6.0732

Monochromacy



Original Color

221.9430, -47.2999, 4.4350

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1300, -17.3191, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9430, -47.2999, 4.4350 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(227, 238, 126)` looks like.

```
.text, #text, p{  
    color:rgb(227, 238, 126)  
}
```

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(227, 238, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 238, 126) }
```

Border

The CSS property to change the border of an element to YUV 221.9430, -47.2999, 4.4350 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(227, 238, 126) }
```


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

```
.border{ border-color:rgb(227, 238, 126) }
```

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

Here you see how a box with a 4 pixel rgb(227, 238, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 238, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 238, 126);  
box-shadow:4px 4px 4px 4px rgb(227, 238,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 221.9430, -47.2999, 4.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 238, 126) }
```

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

```
.background{ background-color: rgb(227,  
238, 126) }
```

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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