

Converting Colors

YUV(220.9340, -36.9425,
-4.3271)

Have a look what the booklet for
YUV(220.9340, -36.9425, -4.3271)
contains.

YUV(220.9340, -36.9425, -4.3271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(220.9340, -36.9425,
-4.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EE92
RGB	216, 238, 146
RGB Percent	85%, 93%, 57%
CMY	0.1529, 0.0667, 0.4275
CMYK	0.09, 0.00, 0.39, 0.07
HSL	74°, 73%, 75%
HSV	74°, 39%, 93%
XYZ	64.0817, 77.8233, 38.8381
YIQ	220.9340, 16.4200, -33.2760

Conversions

Conversions Part 2

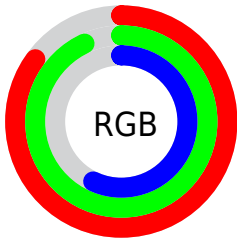
Format	Color
RYB	146, 238, 168
Decimal	14216850
CIELab	90.70, -21.48, 42.13
CIElCh	91, 47.285, 117.016
Yxy	77.8233, 0.3545, 0.4306
Android (android.graphics.Color)	4292406930 (0xFFD8EE92)
YUV	220.9340, -36.9425, -4.3271
Hunter-Lab	88.2175, -24.7172, 35.6496

Details

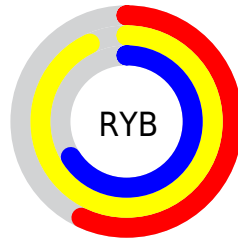
The YUV color $220.9340, -36.9425, -4.3271$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $163.0660, 36.9425, 4.3271$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8440, -23.5871, 5.3988$, and $165.3900, -35.1953, -4.7270$ is the 20% darker color. If you saturate the color by 10%, you get $216.4040, -46.5412, -5.6163$, and if you desaturate by 10%, it is $225.4640, -27.3438, -3.0379$.

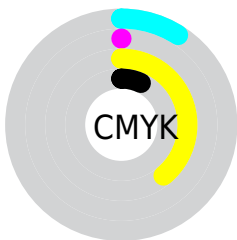
Distribution



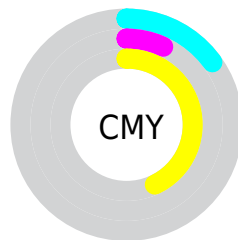
- Red (85%)
- Green (93%)
- Blue (57%)



- Red (57%)
- Yellow (93%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.9340, -36.9425, -4.3271 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 220.9340, -36.9425, -4.3271 by changing the saturation by 10% instead.

■ 220.9340,
-36.9425, -4.3271

■ 220.9340,
-36.9425, -4.3271

255.0000, 0.0000,
0.0000

■ 193.1620,
-36.0689, -4.5271

■ 248.8440,
-23.5871, 5.3988

■ 165.3900,
-35.1953, -4.7270

■ 252.0360,
-11.3567, 2.5994

■ 138.6180,
-34.3217, -4.9270

■ 112.4330,
-33.7375, -5.6417

■ 87.2050, -34.6111,
-5.4418

■ 63.7040, -31.4061,
-6.7564

■ 43.0270, -21.2123,

-9.6707

■ 21.1430, -10.4235,
-16.7884

■ 2.9350, -1.4470,
-2.5740

■ 220.9340,
-36.9425, -4.3271

■ 220.9340,
-36.9425, -4.3271

■ 216.4040,
-46.5412, -5.6163

■ 225.4640,
-27.3438, -3.0379

■ 212.1730,
-56.2873, -6.2907

■ 229.6950,
-17.5976, -2.3635

■ 207.7570,
-65.4492, -7.6799

■ 234.1110, -8.4357,
-0.9743

■ 203.2270,
-75.0479, -8.9691

■ 238.6410, 1.1630,
0.3148

■ 198.9960,
-84.7940, -9.6435

■ 241.7320, 6.5411,
1.9890

■ 194.4660,
-94.3927, -10.9327

■ 243.5260, 5.6567,
5.6777

■ 193.8250,
-95.5557, -11.2475

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

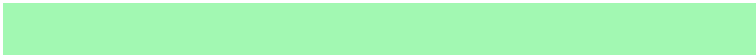
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.3510, -42.5710, 27.7562



220.9340, -36.9425, -4.3271



214.3060, -17.8989, -45.8724

Triad

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



220.9340, -36.9425, -4.3271



194.4020, 29.8748, -109.1006



216.3260, 9.2063, 33.9171

Complementary

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



220.9340, -36.9425, -4.3271



163.0660, 36.9425, 4.3271

Split Complementary

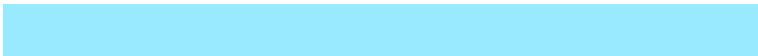
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 15.3377, 27.2843



220.9340, -36.9425, -4.3271



212.4740, 20.9653, -51.2817

Square

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



220.9340, -36.9425, -4.3271



185.6650, 34.1822, -137.3952



224.9090, 14.8349, 1.8338



212.9570, -11.3178, 36.8717

Rectangle

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



220.9340, -36.9425, -4.3271



207.5980, -0.7878, -74.1924



224.9090, 14.8349, 1.8338



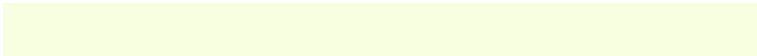
219.2100, 15.1795, 31.3878

Sweetspot

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



220.9340, -36.9425, -4.3271



249.3730, -12.5089, -1.2041



185.8350, -19.6387, 45.7487



124.4530, -7.1253, -1.2743



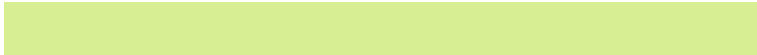
0.0000, 0.0000, 0.0000



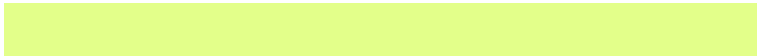
128.0000, 0.0000, 0.0000

Same Dimension

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



220.9340, -36.9425, -4.3271



233.2900, -46.9780, -5.5163



207.4790, -30.3091, -31.9921



117.7350, -4.7994, -0.6446



149.8680, -73.8849, -8.6542



45.7290, -22.5444, -2.3933

Inverse Universe

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



163.0660, 36.9425, 4.3271



159.7100, 46.9780, 5.5163



176.5210, 30.3091, 31.9921



110.2650, 4.7994, 0.6446



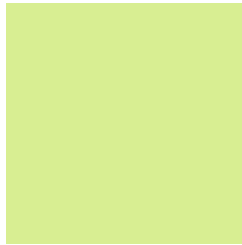
34.1320, 73.8849, 8.6542



10.2710, 22.5444, 2.3933

Previews

White Background



This preview shows how the YUV color 220.9340, -36.9425, -4.3271 looks on a white background.

Color Contrast Check

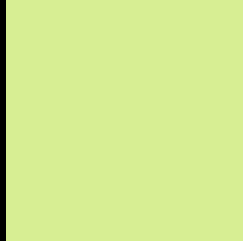
Large Text (above 18pt) WCAG AA × Fail

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 220.9340, -36.9425, -4.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

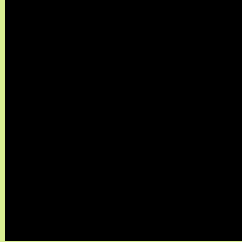
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.9340, -36.9425, -4.3271

Background



This preview shows how black text looks on a background with the YUV color 220.9340, -36.9425, -4.3271.



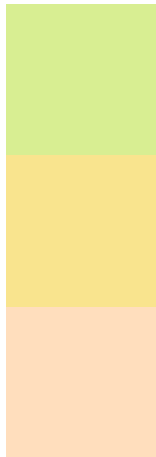
This preview shows how white text looks on a background with the YUV color 220.9340, -36.9425, -4.3271.

-4.3271.

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

220.9340, -36.9425, -4.3271

Protanopia

224.4750, -40.6602, 21.5084

Deuteranopia

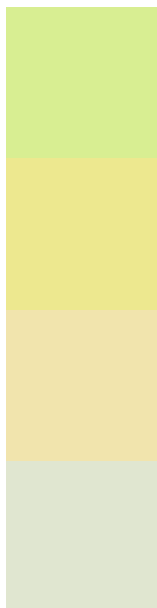
228.1050, -19.2788, 23.5869



Tritanopia

228.9490, 7.4201, 0.0447

Trichromacy



Original Color

220.9340, -36.9425, -4.3271

Protanomaly

223.3490, -39.6121, 11.9719

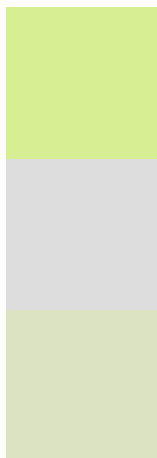
Deuteranomaly

225.6170, -25.9402, 13.4909

Tritanomaly

225.6980, -8.7251, -1.4891

Monochromacy



Original Color

220.9340, -36.9425, -4.3271

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8460, -13.2351, -1.6189

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.9340, -36.9425, -4.3271 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(216, 238, 146)` looks like.

```
.text, #text, p{  
    color:rgb(216, 238, 146)  
}
```

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(216, 238, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 238, 146) }
```

Border

The CSS property to change the border of an element to YUV 220.9340, -36.9425, -4.3271 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(216, 238, 146) }
```


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

```
.border{ border-color:rgb(216, 238, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 238, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 238, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 238, 146); box-shadow:4px 4px 4px 4px rgb(216, 238, 146) }
```

Background

The CSS property to change the background color of an element to YUV 220.9340, -36.9425, -4.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 238, 146) }
```

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

```
.background{ background-color: rgb(216,  
238, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor