

Converting Colors

XYZ(71.4888, 89.3223, 41.4486)

Have a look what the booklet for
XYZ(71.4888, 89.3223, 41.4486)
contains.

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Color

**XYZ(71.5367, 89.3461,
41.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFF94
RGB	223, 255, 148
RGB Percent	87%, 100%, 58%
CMY	0.1255, 0.0000, 0.4196
CMYK	0.13, 0.00, 0.42, 0.00
HSL	78°, 100%, 79%
HSV	78°, 42%, 100%
XYZ	71.5367, 89.3461, 41.4921
YIQ	233.2340, 15.2750, -40.0610

Conversions

Conversions Part 2

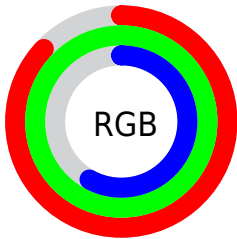
Format	Color
RYB	148, 255, 180
Decimal	14679956
CIELab	95.72, -26.76, 47.63
CIELCh	96, 54.632, 119.328
Yxy	89.3461, 0.3535, 0.4415
Android (android.graphics.Color)	4292870036 (0xFFDFFF94)
YUV	233.2340, -42.0204, -8.9752
Hunter-Lab	94.5231, -30.3235, 40.1400

Details

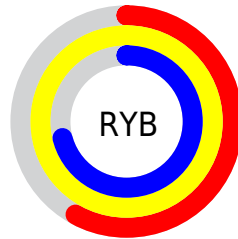
The XYZ color **71.5367, 89.3461, 41.4921** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.4635, 38.1044, 99.4610**, and the grayscale version is **77.9263, 81.9846, 89.2812**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **37.9855, 49.3214, 18.3444** is the 20% darker color. If you saturate the color by 10%, you get **67.4383, 87.4413, 31.8997**, and if you desaturate by 10%, it is **76.1861, 91.4835, 53.4335**.

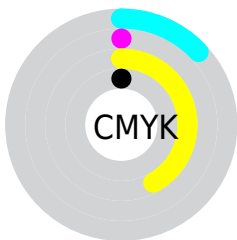
Distribution



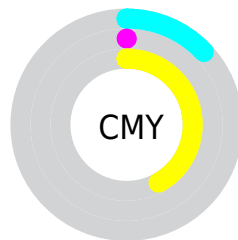
- Red (87%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5367, 89.3461, 41.4921 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 XYZ color 71.5367, 89.3461, 41.4921 by changing the saturation by 10% instead.


 71.5367, 89.3461,
41.4921


 71.5367, 89.3461,
41.4921


455.1101,
525.9014, 368.1105

 53.0644, 67.4384,
28.3812


 120.4120,
146.4298, 78.6921

 38.0819, 49.4410,
18.3717


 151.5457,
182.3745, 103.6183

 26.2237, 34.9694,
11.0450


187.6306,
223.7672, 133.3201

 17.1247, 23.6393,
5.9825

229.0320,
270.9920, 168.2159

 10.4193, 15.0663,
2.7658

276.1153,
324.4334, 208.7243

 5.7422, 8.8659,
0.9764

329.2458,

 2.7281, 4.6538,

384.4759, 255.2638

0.0000

388.7890,
451.5038, 308.2531

■ 1.0117, 2.0456,
0.0000

■ 0.0000, 0.6338,
0.0000

■ 71.5367, 89.3461,
41.4921

■ 71.5367, 89.3461,
41.4921

■ 67.4383, 87.4413,
31.8997

■ 76.1861, 91.4835,
53.4335

■ 63.8592, 85.7564,
24.4969

■ 81.4140, 93.8646,
67.8614

■ 60.7653, 84.2774,
19.1107

■ 87.2465, 96.5001,
84.9072

■ 58.1169, 82.9884,
15.5404

■ 93.7081, 99.4000,
104.6921

■ 55.8666, 81.8702, 95.0500, 100.0000,
13.5436 108.9000

■ 54.2895, 81.0723,
12.7872

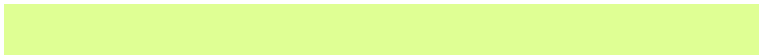
Harmonies

Analogous

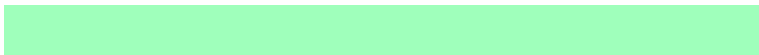
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2603, 89.3461, 35.7696



71.5367, 89.3461, 41.4921



62.4092, 89.3461, 60.8729

Triad

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



71.5367, 89.3461, 41.4921



71.0141, 89.3461, 187.2531



117.2226, 89.3461, 98.2571

Complementary

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



71.5367, 89.3461, 41.4921



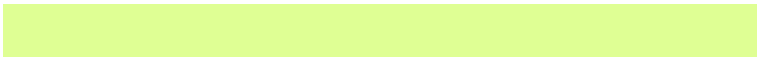
47.4635, 38.1044, 99.4610

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.



112.2834, 89.3461, 145.9104



71.5367, 89.3461, 41.4921



84.5821, 89.3461, 205.7398

Square

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



71.5367, 89.3461, 41.4921



62.1334, 89.3461, 143.7175



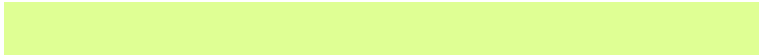
99.8781, 89.3461, 188.7599



112.6924, 89.3461, 62.1118

Rectangle

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



71.5367, 89.3461, 41.4921



59.5678, 89.3461, 82.7451



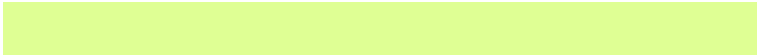
99.8781, 89.3461, 188.7599



116.6064, 89.3461, 113.4305

Sweetspot

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



71.5370, 89.3462, 41.4934



86.6108, 96.2138, 83.0081



62.5694, 55.3660, 35.4072



18.2544, 20.4657, 16.9257



0.0000, 0.0000, 0.0000



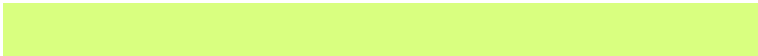
20.3446, 21.4041, 23.3091

Same Dimension

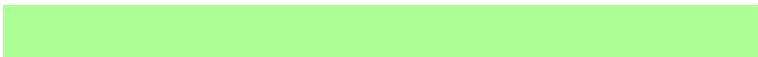
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5370, 89.3462, 41.4934



68.1995, 87.7969, 33.6019



57.9406, 82.3370, 40.8571



19.0012, 20.8021, 19.1581



28.5252, 42.4434, 6.6890



2.8877, 4.1894, 0.6564

Inverse Universe

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



47.4635, 38.1044, 99.4610



41.3529, 30.5955, 98.3337



61.8598, 45.5260, 100.1348



17.5136, 17.6410, 22.7319



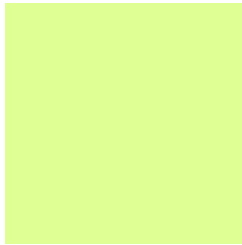
11.1302, 4.6483, 49.7452



1.1882, 0.5064, 4.8484

Previews

White Background



This preview shows how the XYZ color 71.5367, 89.3461, 41.4921 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 XYZ color 71.5367, 89.3461, 41.4921 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

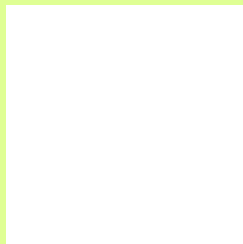
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5367, 89.3461, 41.4921

Background



This preview shows how black text looks on a background with the XYZ color 71.5367, 89.3461, 41.4921.



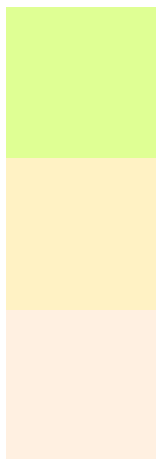
This preview shows how white text looks on a background with the XYZ color 71.5367, 89.3461,

41.4921.

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

71.5367, 89.3461, 41.4921

Protanopia

82.9559, 88.7498, 64.9827

Deuteranopia

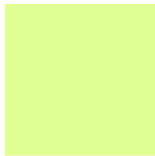
85.9907, 89.0164, 83.8839



Tritanopia

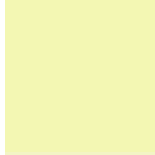
85.3987, 89.0750, 107.2999

Trichromacy



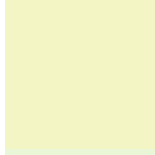
Original Color

71.5367, 89.3461, 41.4921



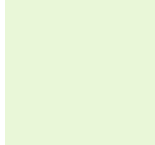
Protanomaly

78.3596, 88.8309, 55.6639



Deuteranomaly

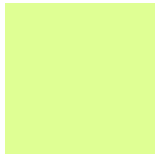
79.6926, 88.3907, 65.6842



Tritanomaly

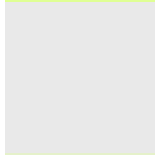
79.2597, 88.8030, 77.9290

Monochromacy



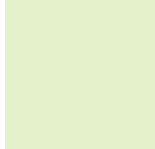
Original Color

71.5367, 89.3461, 41.4921



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.4291, 83.8329, 68.1356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5367, 89.3461, 41.4921 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(223, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 148)  
}
```

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(223, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 148) }
```

Border

The CSS property to change the border of an element to XYZ 71.5367, 89.3461, 41.4921 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(223, 255, 148) }
```


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

```
.border{ border-color:rgb(223, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5367, 89.3461, 41.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 148) }
```

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

```
.background{ background-color: rgb(223,  
255, 148) }
```

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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