

Converting Colors

XYZ(71.3549, 89.3175, 38.5425)

Have a look what the booklet for
XYZ(71.3549, 89.3175, 38.5425)
contains.

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Color

**XYZ(71.3082, 89.2904,
38.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FF8D
RGB	224, 255, 141
RGB Percent	88%, 100%, 55%
CMY	0.1216, 0.0000, 0.4470
CMYK	0.12, 0.00, 0.45, 0.00
HSL	76°, 100%, 78%
HSV	76°, 45%, 100%
XYZ	71.3082, 89.2904, 38.6757
YIQ	232.7350, 18.1180, -42.0260

Conversions

Conversions Part 2

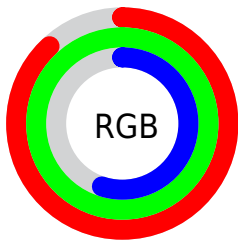
Format	Color
RYB	141, 255, 172
Decimal	14745485
CIELab	95.70, -27.14, 50.95
CIELCh	96, 57.728, 118.048
Yxy	89.2904, 0.3578, 0.4481
Android (android.graphics.Color)	4292935565 (0xFFE0FF8D)
YUV	232.7350, -45.2254, -7.6606
Hunter-Lab	94.4936, -30.6614, 41.8785

Details

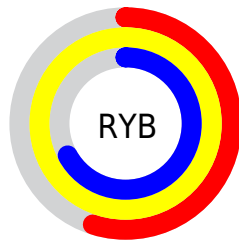
The XYZ color **71.3082, 89.2904, 38.6757** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **44.5893, 35.0417, 99.0214**, and the grayscale version is **77.5719, 81.6117, 88.8751**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **37.8919, 49.3082, 16.7528** is the 20% darker color. If you saturate the color by 10%, you get **67.5183, 87.5312, 29.7085**, and if you desaturate by 10%, it is **75.6230, 91.2697, 49.9499**.

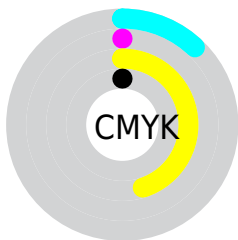
Distribution



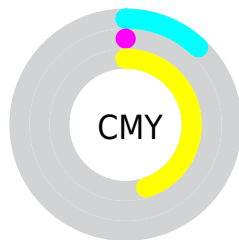
- Red (88%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3082, 89.2904, 38.6757 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 71.3082, 89.2904, 38.6757 by changing the saturation by 10% instead.


 71.3082, 89.2904,
38.6757

 71.3082, 89.2904,
38.6757


454.3252,
525.7198, 355.8944

 52.8772, 67.3923,
26.2016


 120.0886,
146.3523, 74.3575

 37.9318, 49.4035,
16.7474


 151.1687,
182.2849, 98.4023

 26.1068, 34.9396,
9.8945


187.1959,
223.6644, 127.1412

 17.0366, 23.6164,
5.2244

228.5354,
270.8753, 160.9926

 10.3561, 15.0493,
2.3185

275.5528,
324.3018, 200.3751

 5.6997, 8.8540,
0.7415

328.6133,

 2.7023, 4.6461,

384.3285, 245.7072

0.0000

388.0823,
451.3397, 297.4075

■ 0.9984, 2.0411,
0.0000

■ 0.0000, 0.6312,
0.0000

■ 71.3082, 89.2904,
38.6757

■ 71.3082, 89.2904,
38.6757

■ 67.5183, 87.5312,
29.7085

■ 75.6230, 91.2697,
49.9499

■ 64.2213, 85.9791,
22.8844

■ 80.4906, 93.4804,
63.6722

■ 61.3821, 84.6201,
18.0240

■ 85.9375, 95.9331,
79.9768

■ 58.9595, 83.4375,
14.9173

■ 91.9880, 98.6377,
98.9872

■ 56.9037, 82.4112, 95.0500, 100.0000,
13.3058 108.9000

■ 55.9262, 81.9161,
12.8638

Harmonies

Analogous

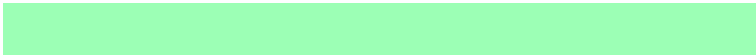
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9122, 89.2904, 33.4085



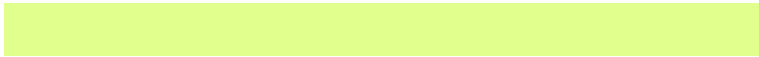
71.3082, 89.2904, 38.6757



61.5122, 89.2904, 57.9064

Triad

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



71.3082, 89.2904, 38.6757



69.7162, 89.2904, 191.8669



119.1784, 89.2904, 100.2312

Complementary

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



71.3082, 89.2904, 38.6757



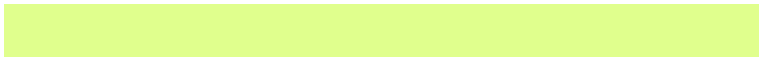
44.5893, 35.0417, 99.0214

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.



113.4935, 89.2904, 151.2164



71.3082, 89.2904, 38.6757



83.8320, 89.2904, 213.3854

Square

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



71.3082, 89.2904, 38.6757



60.6768, 89.2904, 144.3958



100.0459, 89.2904, 196.5915



114.7606, 89.2904, 61.6359

Rectangle

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



71.3082, 89.2904, 38.6757



58.3693, 89.2904, 80.2169



100.0459, 89.2904, 196.5915



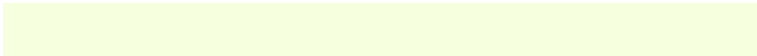
118.3725, 89.2904, 116.4751

Sweetspot

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



71.3084, 89.2905, 38.6769



86.9256, 96.3761, 83.0229



60.6870, 52.4612, 32.1280



18.3325, 20.5060, 16.9293



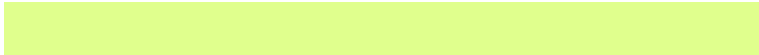
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

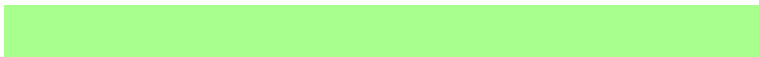
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3084, 89.2905, 38.6769



67.7689, 87.6482, 30.2683



56.6319, 81.7244, 37.9901



19.0512, 20.8278, 19.1604



29.3733, 42.8806, 6.7286



2.9648, 4.2292, 0.6600

Inverse Universe

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



44.5893, 35.0417, 99.0214



37.9151, 26.9560, 97.8124



59.6975, 42.8303, 99.7284



17.4665, 17.6167, 22.7297



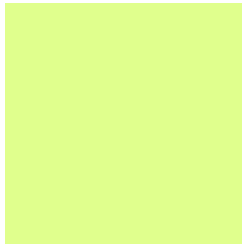
10.8481, 4.5029, 49.7320



1.1555, 0.4896, 4.8469

Previews

White Background



This preview shows how the XYZ color 71.3082, 89.2904, 38.6757 looks on a white background.

Color Contrast Check

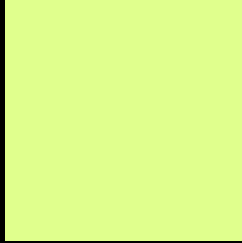
Large Text (above 18pt) WCAG AA × Fail

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 71.3082, 89.2904, 38.6757 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 71.3082, 89.2904, 38.6757

Background



This preview shows how black text looks on a background with the XYZ color 71.3082, 89.2904, 38.6757.

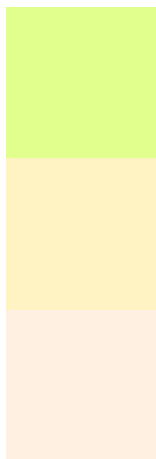


This preview shows how white text looks on a background with the XYZ color 71.3082, 89.2904,

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

71.3082, 89.2904, 38.6757

Protanopia

82.8425, 88.7044, 64.3852

Deuteranopia

85.9907, 89.0164, 83.8839



Tritanopia

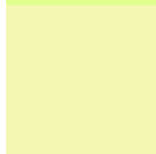
85.7373, 89.2495, 107.3158

Trichromacy



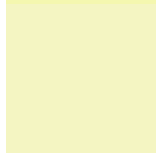
Original Color

71.3082, 89.2904, 38.6757



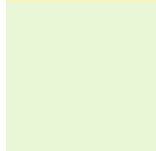
Protanomaly

78.3069, 88.8498, 53.5799



Deuteranomaly

79.6982, 88.4330, 63.9077



Tritanomaly

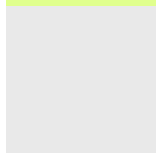
79.3300, 88.8690, 76.5906

Monochromacy



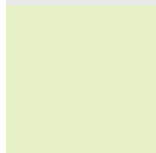
Original Color

71.3082, 89.2904, 38.6757



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.5138, 83.9037, 66.9113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3082, 89.2904, 38.6757 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(224, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 141)  
}
```

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(224, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 141) }
```

Border

The CSS property to change the border of an element to XYZ 71.3082, 89.2904, 38.6757 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(224, 255, 141) }
```


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

```
.border{ border-color:rgb(224, 255, 141) }
```

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

Here you see how a box with a 4 pixel rgb(224, 255, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3082, 89.2904, 38.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 141) }
```

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

```
.background{ background-color: rgb(224,  
255, 141) }
```

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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