

Converting Colors

XYZ(98.4334, 139.0927,
54.5830)

Have a look what the booklet for
XYZ(98.4334, 139.0927, 54.5830)
contains.

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Color

**XYZ(74.0129, 90.5172,
46.3716)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E4FF9F |
| RGB | 228, 255, 159 |
| RGB Percent | 89%, 100%, 62% |
| CMY | 0.1059, 0.0000, 0.3765 |
| CMYK | 0.11, 0.00, 0.38, 0.00 |
| HSL | 77°, 100%, 81% |
| HSV | 77°, 38%, 100% |
| XYZ | 74.0129, 90.5172, 46.3716 |
| YIQ | 235.9830, 14.7240, -35.5800 |

Conversions

Conversions Part 2

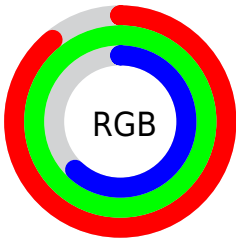
| Format | Color |
|-------------------------------------|--|
| RYB | 159, 255, 186 |
| Decimal | 15007647 |
| CIELab | 96.21, -23.67, 42.99 |
| CIElCh | 96, 49.076, 118.831 |
| Yxy | 90.5172, 0.3509, 0.4292 |
| Android (android.graphics.Color) | 4293197727 (0xFFE4FF9F) |
| YUV | 235.9830, -37.9526, -7.0011 |
| Hunter-Lab | 95.1405, -27.6350, 37.7004 |

Details

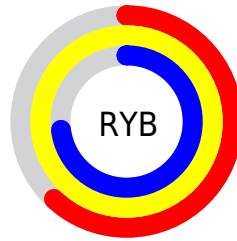
The XYZ color **74.0129, 90.5172, 46.3716** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.6990, 42.4567, 100.1306**, and the grayscale version is **79.9886, 84.1542, 91.6439**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **39.5902, 50.0867, 21.2167** is the 20% darker color. If you saturate the color by 10%, you get **69.7949, 88.5726, 35.7905**, and if you desaturate by 10%, it is **78.7824, 92.6933, 59.3636**.

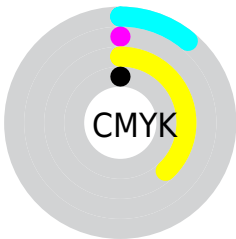
Distribution



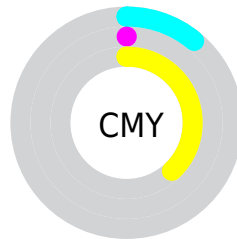
- Red (89%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0129, 90.5172, 46.3716 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 74.0129, 90.5172, 46.3716 by changing the saturation by 10% instead.


 74.0129, 90.5172,
46.3716


 74.0129, 90.5172,
46.3716


463.5675,
529.7118, 388.6215

 55.0959, 68.4097,
32.1884


 123.9095,
148.0566, 86.1150

 39.7127, 50.2311,
21.2394


 155.6198,
184.2573, 112.5122

 27.4978, 35.5971,
13.1062


192.3253,
225.9245, 143.8179

 18.0860, 24.1232,
7.3701

234.3913,
273.4425, 180.4505

 11.1118, 15.4250,
3.6127

282.1832,
327.1959, 222.8287

 6.2099, 9.1182,
1.4154

336.0662,

 3.0150, 4.8184,

387.5690, 271.3708

0.1537

396.4059,
454.9462, 326.4956

■ 1.1617, 2.1411,
0.0000

■ 0.0758, 0.6876,
0.0000

■ 74.0129, 90.5172,
46.3716

■ 74.0129, 90.5172,
46.3716

■ 69.7949, 88.5726,
35.7905

■ 78.7824, 92.6933,
59.3636

■ 66.0982, 86.8472,
27.4676

■ 84.1294, 95.1115,
74.8989

■ 62.8904, 85.3281,
21.2386

■ 90.0794, 97.7820,
93.1049

■ 60.1346, 84.0002,
16.9155

95.0500, 100.0000,
108.9000

■ 57.7876, 82.8463,
14.2766

■ 55.7927, 81.8434,
13.0292

■ 55.3549, 81.6216,
12.8370

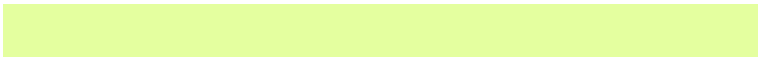
Harmonies

Analogous

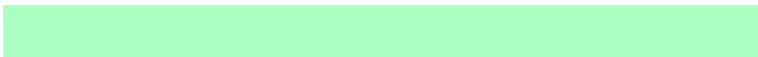
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5695, 90.5172, 40.9807



74.0129, 90.5172, 46.3716



65.5148, 90.5172, 64.6122

Triad

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



74.0129, 90.5172, 46.3716



73.1787, 90.5172, 177.6704



114.9633, 90.5172, 100.0965

Complementary

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



74.0129, 90.5172, 46.3716



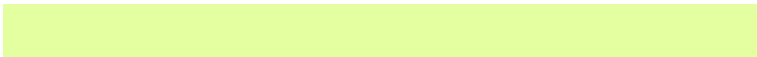
50.6990, 42.4567, 100.1306

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.



110.4439, 90.5172, 142.6968



74.0129, 90.5172, 46.3716



85.5005, 90.5172, 194.1708

Square

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



74.0129, 90.5172, 46.3716



65.0701, 90.5172, 139.3305



99.2907, 90.5172, 179.9473



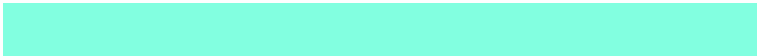
111.0764, 90.5172, 66.6336

Rectangle

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



74.0129, 90.5172, 46.3716



62.8138, 90.5172, 84.7312



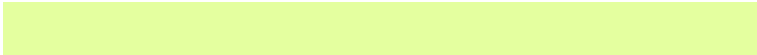
99.2907, 90.5172, 179.9473



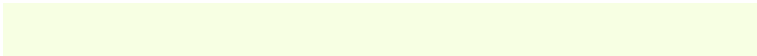
114.3691, 90.5172, 113.8123

Sweetspot

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



74.0132, 90.5173, 46.3729



88.0151, 96.8576, 86.6934



64.7641, 58.2950, 40.6408



18.6645, 20.6533, 18.0200



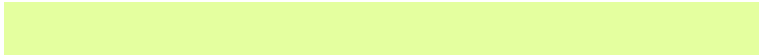
0.0000, 0.0000, 0.0000



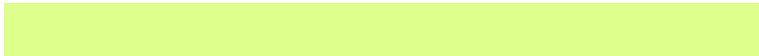
20.3446, 21.4041, 23.3091

Same Dimension

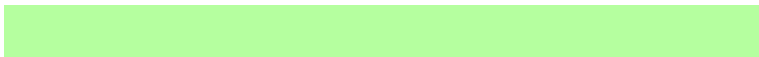
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0132, 90.5173, 46.3729



70.8591, 89.0653, 38.3644



61.1688, 83.8958, 45.7718



19.0340, 20.8190, 19.1596



29.0774, 42.7280, 6.7148



2.9379, 4.2153, 0.6588

Inverse Universe

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



50.6990, 42.4567, 100.1306



44.5932, 34.8794, 98.9898



63.9227, 49.2738, 100.7494



17.4826, 17.6250, 22.7305



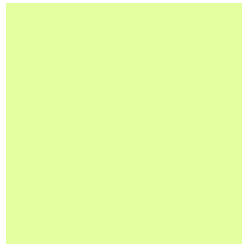
10.9416, 4.5511, 49.7363



1.1665, 0.4953, 4.8474

Previews

White Background



This preview shows how the XYZ color 74.0129, 90.5172, 46.3716 looks on a white background.

Color Contrast Check

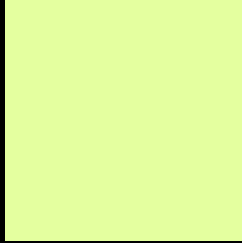
Large Text (above 18pt) WCAG AA × Fail

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 74.0129, 90.5172, 46.3716 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

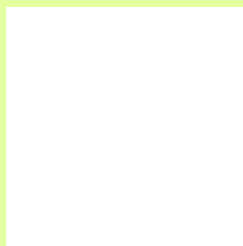
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0129, 90.5172, 46.3716

Background



This preview shows how black text looks on a background with the XYZ color 74.0129, 90.5172, 46.3716.

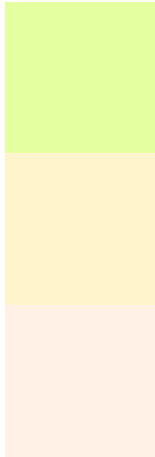


This preview shows how white text looks on a background with the XYZ color 74.0129, 90.5172,

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

74.0129, 90.5172, 46.3716

Protanopia

84.4898, 90.3210, 70.1073

Deuteranopia

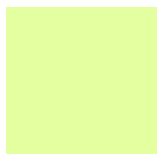
86.8382, 89.8277, 86.8904



Tritanopia

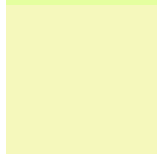
86.7185, 90.1984, 107.4472

Trichromacy



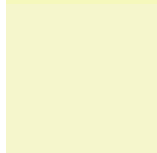
Original Color

74.0129, 90.5172, 46.3716



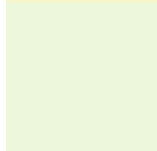
Protanomaly

80.3007, 90.1781, 60.7508



Deuteranomaly

81.5110, 89.6836, 70.1413



Tritanomaly

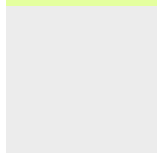
81.1041, 89.6934, 80.7481

Monochromacy



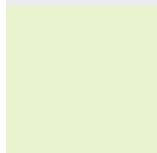
Original Color

74.0129, 90.5172, 46.3716



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.0400, 85.9789, 72.2097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0129, 90.5172, 46.3716 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(228, 255, 159)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 159)  
}
```

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(228, 255, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 159) }
```

Border

The CSS property to change the border of an element to XYZ 74.0129, 90.5172, 46.3716 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(228, 255, 159) }
```


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

```
.border{ border-color:rgb(228, 255, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0129, 90.5172, 46.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 159) }
```

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

```
.background{ background-color: rgb(228,  
255, 159) }
```

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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