

Converting Colors

XYZ(79.3415, 89.9243, 74.0403)

Have a look what the booklet for
XYZ(79.3415, 89.9243, 74.0403)
contains.

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Color

**XYZ(79.4402, 89.8969,
74.1377)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF9D2
RGB	234, 249, 210
RGB Percent	92%, 98%, 82%
CMY	0.0823, 0.0235, 0.1765
CMYK	0.06, 0.00, 0.16, 0.02
HSL	83°, 76%, 90%
HSV	83°, 16%, 98%
XYZ	79.4402, 89.8969, 74.1377
YIQ	240.0690, 3.5790, -15.3090

Conversions

Conversions Part 2

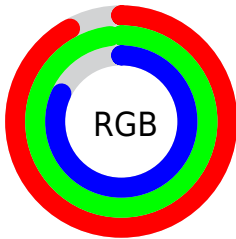
Format	Color
R_{YB}	210, 249, 225
Decimal	15399378
CIE _{Lab}	95.95, -11.58, 17.07
CIE _{LCh}	96, 20.630, 124.143
Yxy	89.8969, 0.3263, 0.3692
Android (android.graphics.Color)	4293589458 (0xFFEAF9D2)
YUV	240.0690, -14.8240, -5.3225
Hunter-Lab	94.8140, -16.3676, 20.0093

Details

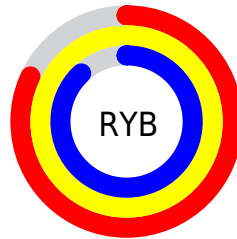
The XYZ color **79.4402, 89.8969, 74.1377** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.2004, 68.9428, 99.1819**, and the grayscale version is **82.9910, 87.3130, 95.0838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3465, 49.9715, 38.3712** is the 20% darker color. If you saturate the color by 10%, you get **73.5165, 87.1768, 58.9072**, and if you desaturate by 10%, it is **86.0216, 92.9056, 91.9223**.

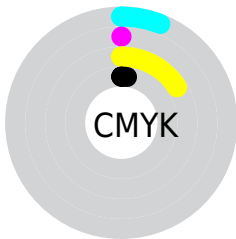
Distribution



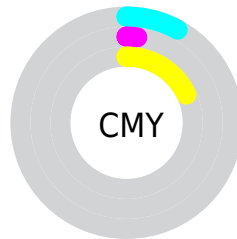
- Red (92%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4402, 89.8969, 74.1377 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 79.4402, 89.8969, 74.1377 by changing the saturation by 10% instead.

79.4402, 89.8969,
74.1377

79.4402, 89.8969,
74.1377

481.8096,
527.6954, 494.1246

59.5647, 67.8951,
54.4093

131.5331,
147.1952, 126.8268

43.3160, 49.8124,
38.5336

164.4811,
183.2605, 160.6246

30.3287, 35.2644,
26.0920

202.5174,
224.7824, 199.9493

20.2375, 23.8666,
16.6661

246.0072,
272.1454, 245.2194

12.6771, 15.2347,
9.8373

295.3160,
325.7338, 296.8534

7.2820, 8.9843,
5.1870

350.8091,

3.6870, 4.7309,

385.9320, 355.2699

2.2968

412.8519,
453.1244, 420.8875

■ 1.5266, 2.0903,
0.7294

■ 0.3438, 0.6591,
0.0000

■ 79.4402, 89.8969,
74.1377

■ 79.4402, 89.8969,
74.1377

■ 73.5165, 87.1768,
58.9072

■ 86.0216, 92.9056,
91.9223

■ 68.2183, 84.7233,
46.1077

■ 92.4937, 95.8876,
108.2410

■ 63.5213, 82.5293,
35.6145

■ 93.1675, 96.2350,
108.2725

■ 59.3965, 80.5829,
27.2897

■ 55.8121, 78.8710,
20.9807

■ 52.7324, 77.3790,
16.5147

■ 50.1162, 76.0901,
13.6904

■ 47.9129, 74.9837,
12.2585

■ 47.0545, 74.5480,
11.9092

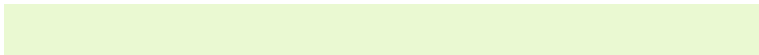
Harmonies

Analogous

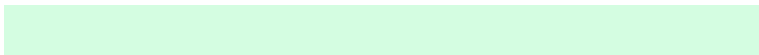
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6550, 89.8969, 69.7986



79.4402, 89.8969, 74.1377



75.9575, 89.8969, 84.8232

Triad

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



79.4402, 89.8969, 74.1377



80.7536, 89.8969, 128.9277



96.8467, 89.8969, 95.6325

Complementary

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



79.4402, 89.8969, 74.1377



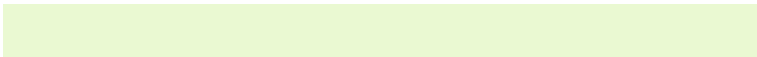
71.2004, 68.9428, 99.1819

Split Complementary

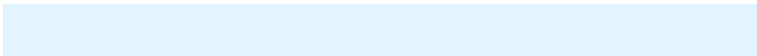
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6898, 89.8969, 112.2177



79.4402, 89.8969, 74.1377



86.2385, 89.8969, 132.6396

Square

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



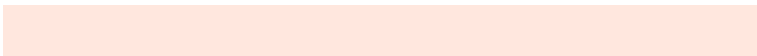
79.4402, 89.8969, 74.1377



76.6918, 89.8969, 116.5748



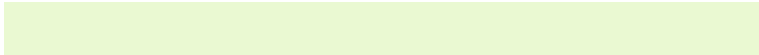
91.7436, 89.8969, 126.2223



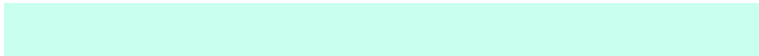
94.8386, 89.8969, 81.3034

Rectangle

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



79.4402, 89.8969, 74.1377



75.0002, 89.8969, 94.7147



91.7436, 89.8969, 126.2223



96.8156, 89.8969, 101.1201

Sweetspot

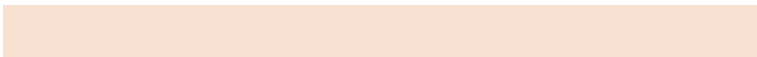
The Sweet Spot groups the original color and five complimentary colors.



79.4426, 89.9008, 74.1396



91.2830, 98.2874, 98.3616



77.6148, 78.6194, 72.0584



19.4281, 20.9874, 20.7486



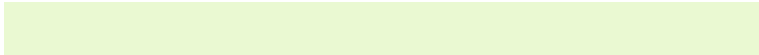
0.0000, 0.0000, 0.0000



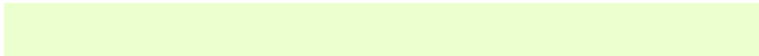
20.3446, 21.4041, 23.3091

Same Dimension

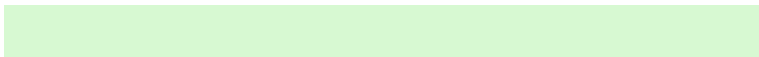
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4426, 89.9008, 74.1396



81.6796, 93.8978, 72.5626



73.4037, 86.7876, 73.8570



18.0429, 19.8379, 18.3405



25.3497, 39.9866, 6.3821



2.4661, 3.7644, 0.5966

Inverse Universe

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



71.2004, 68.9428, 99.1819



71.3642, 67.6658, 103.9073



77.6134, 72.2488, 99.4821



16.9143, 16.9685, 21.7691



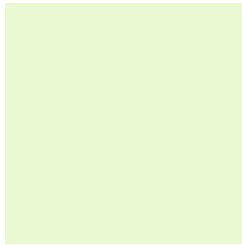
11.8697, 5.0617, 48.3250



1.2136, 0.5277, 4.4811

Previews

White Background



This preview shows how the XYZ color 79.4402, 89.8969, 74.1377 looks on a white background.

Color Contrast Check

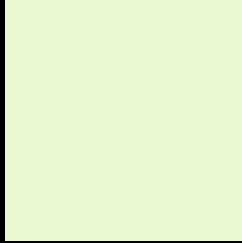
Large Text (above 18pt) WCAG AA × Fail

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 79.4402, 89.8969, 74.1377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

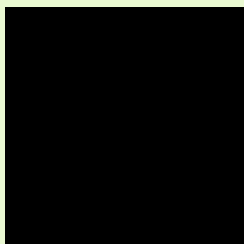
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

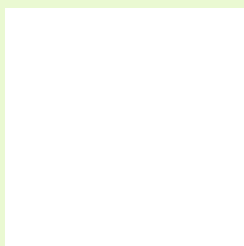
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4402, 89.8969, 74.1377

Background



This preview shows how black text looks on a background with the XYZ color 79.4402, 89.8969, 74.1377.

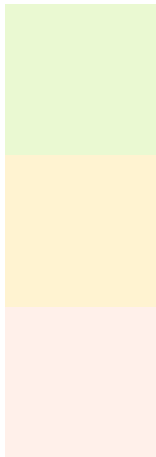


This preview shows how white text looks on a background with the XYZ color 79.4402, 89.8969,

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

79.4402, 89.8969, 74.1377

Protanopia

84.7992, 89.9646, 73.2171

Deuteranopia

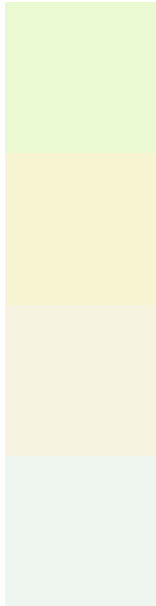
87.2514, 89.5207, 90.5225



Tritanopia

86.4201, 89.6015, 107.3477

Trichromacy



Original Color

79.4402, 89.8969, 74.1377

Protanomaly

82.5188, 89.6824, 73.2828

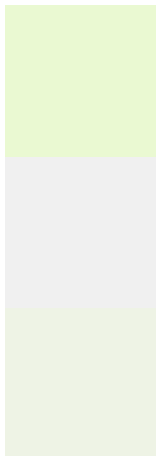
Deuteranomaly

83.9990, 89.3116, 84.0458

Tritanomaly

83.8290, 89.8875, 94.5931

Monochromacy



Original Color

79.4402, 89.8969, 74.1377

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.4533, 87.9355, 86.8089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4402, 89.8969, 74.1377 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(234, 249, 210)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 210)  
}
```

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(234, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.4402, 89.8969, 74.1377 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(234, 249, 210) }
```


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

```
.border{ border-color:rgb(234, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4402, 89.8969, 74.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 210) }
```

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

```
.background{ background-color: rgb(234,  
249, 210) }
```

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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