

Converting Colors

XYZ(79.1570, 89.3298, 74.6273)

Have a look what the booklet for
XYZ(79.1570, 89.3298, 74.6273)
contains.

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Color

**XYZ(79.2570, 89.3304,
74.6932)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF8D3
RGB	234, 248, 211
RGB Percent	92%, 97%, 83%
CMY	0.0823, 0.0274, 0.1725
CMYK	0.06, 0.00, 0.15, 0.03
HSL	83°, 73%, 90%
HSV	83°, 15%, 97%
XYZ	79.2570, 89.3304, 74.6932
YIQ	239.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

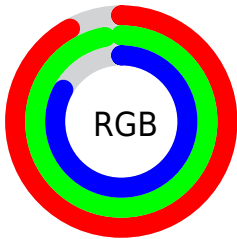
Format	Color
R _Y B	211, 248, 225
Decimal	15399123
CIE Lab	95.72, -10.93, 16.23
CIE LCh	96, 19.564, 123.948
Yxy	89.3304, 0.3258, 0.3672
Android (android.graphics.Color)	4293589203 (0xFFEAF8D3)
YUV	239.5960, -14.0978, -4.9077
Hunter-Lab	94.5148, -15.7165, 19.3046

Details

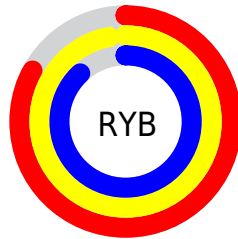
The XYZ color **79.2570, 89.3304, 74.6932** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.2924, 69.3758, 98.4451**, and the grayscale version is **82.6155, 86.9179, 94.6536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2105, 49.5646, 38.7420** is the 20% darker color. If you saturate the color by 10%, you get **73.3850, 86.6379, 59.4217**, and if you desaturate by 10%, it is **85.7768, 92.3067, 92.5026**.

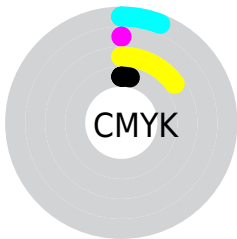
Distribution



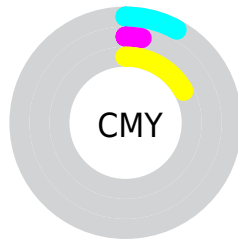
- Red (92%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2570, 89.3304, 74.6932 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 79.2570, 89.3304, 74.6932 by changing the saturation by 10% instead.

79.2570, 89.3304,
74.6932

79.2570, 89.3304,
74.6932

481.2001,
525.8503, 496.0897

59.4135, 67.4254,
54.8614

131.2766,
146.4079, 127.6211

43.1937, 49.4304,
38.8929

164.1835,
182.3493, 161.5542

30.2323, 34.9610,
26.3692

202.1754,
223.7382, 201.0248

20.1639, 23.6329,
16.8718

245.6179,
270.9591, 246.4515

12.6232, 15.0615,
9.9822

294.8763,
324.3964, 298.2528

7.2448, 8.8626,
5.2817

350.3159,

3.6634, 4.6516,

384.4344, 356.8472

2.3518

412.3020,
451.4575, 422.6533

■ 1.5135, 2.0444,
0.7600

■ 0.3350, 0.6331,
0.0000

■ 79.2570, 89.3304,
74.6932

■ 79.2570, 89.3304,
74.6932

■ 73.3850, 86.6379,
59.4217

■ 85.7768, 92.3067,
92.5026

■ 68.1292, 84.2075,
46.5667

■ 92.0448, 95.1986,
108.1316

■ 63.4659, 82.0324,
36.0057

■ 92.8592, 95.6184,
108.1697

■ 59.3666, 80.1009,
27.6029

■ 55.8002, 78.4002,
21.2084

■ 52.7319, 76.9161,
16.6531

■ 50.1214, 75.6321,
13.7400

■ 47.9199, 74.5284,
12.2271

■ 46.9231, 74.0226,
11.8147

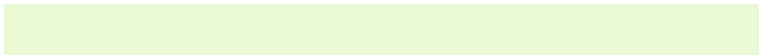
Harmonies

Analogous

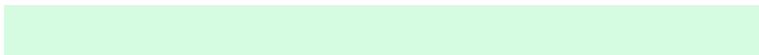
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1954, 89.3304, 70.5932



79.2570, 89.3304, 74.6932



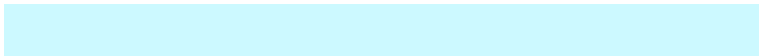
75.9440, 89.3304, 84.8210

Triad

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



79.2570, 89.3304, 74.6932



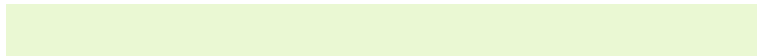
80.4415, 89.3304, 126.3952



95.6540, 89.3304, 95.2395

Complementary

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



79.2570, 89.3304, 74.6932



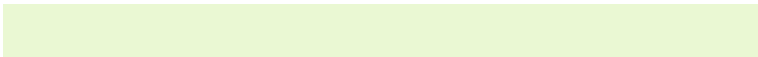
71.2924, 69.3758, 98.4451

Split Complementary

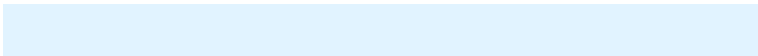
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5464, 89.3304, 110.8715



79.2570, 89.3304, 74.6932



85.6203, 89.3304, 129.9300

Square

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



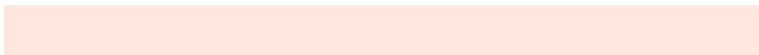
79.2570, 89.3304, 74.6932



76.6073, 89.3304, 114.7727



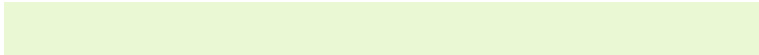
90.8170, 89.3304, 123.9811



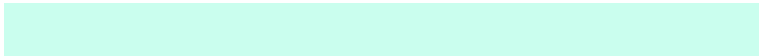
93.7831, 89.3304, 81.6360

Rectangle

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



79.2570, 89.3304, 74.6932



75.0252, 89.3304, 94.1740



90.8170, 89.3304, 123.9811



95.6181, 89.3304, 100.4241

Sweetspot

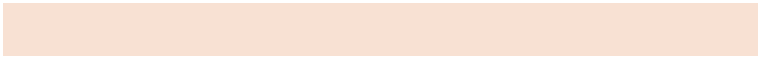
The Sweet Spot groups the original color and five complimentary colors.



79.2594, 89.3343, 74.6951



92.0449, 98.6355, 100.4135



77.2807, 78.2790, 72.6655



19.5832, 21.0583, 21.1619



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

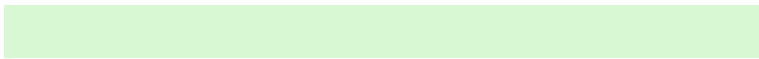
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2594, 89.3343, 74.6951



82.4163, 94.2413, 74.2331



73.6273, 86.4308, 74.4316



18.0538, 19.8435, 18.3410



25.5074, 40.0678, 6.3895



2.4802, 3.7717, 0.5973

Inverse Universe

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



71.2924, 69.3758, 98.4451



72.3871, 69.1151, 104.1331



77.2260, 72.4347, 98.7228



16.9038, 16.9631, 21.7686



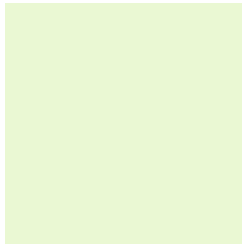
11.7819, 5.0165, 48.3209



1.2048, 0.5232, 4.4807

Previews

White Background



This preview shows how the XYZ color 79.2570, 89.3304, 74.6932 looks on a white background.

Color Contrast Check

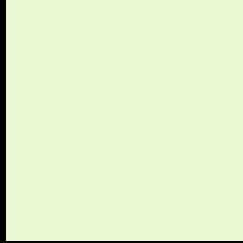
Large Text (above 18pt) WCAG AA × Fail

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 79.2570, 89.3304, 74.6932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

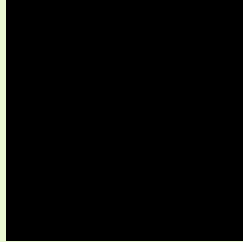
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

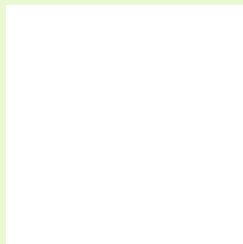
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2570, 89.3304, 74.6932

Background



This preview shows how black text looks on a background with the XYZ color 79.2570, 89.3304, 74.6932.



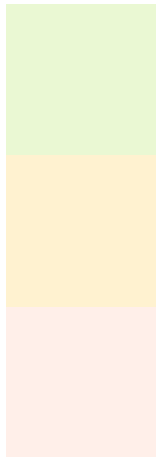
This preview shows how white text looks on a background with the XYZ color 79.2570, 89.3304,

74.6932.

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

79.2570, 89.3304, 74.6932

Protanopia

84.3773, 89.3183, 72.4675

Deuteranopia

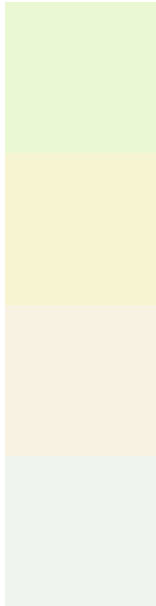
86.8145, 88.8762, 89.6700



Tritanopia

86.4201, 89.6015, 107.3477

Trichromacy



Original Color

79.2570, 89.3304, 74.6932

Protanomaly

82.2171, 89.0790, 73.1823

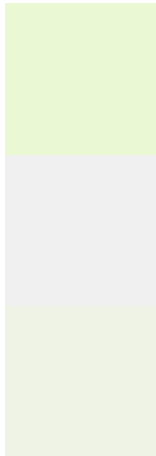
Deuteranomaly

83.7005, 88.7147, 83.9463

Tritanomaly

83.5273, 89.2841, 94.4925

Monochromacy



Original Color

79.2570, 89.3304, 74.6932

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 79.2570, 89.3304, 74.6932 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, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(234, 248, 211)  
}
```

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, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 248, 211) }
```

Border

The CSS property to change the border of an element to XYZ 79.2570, 89.3304, 74.6932 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, 248, 211) }
```


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

```
.border{ border-color:rgb(234, 248, 211) }
```

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

Here you see how a box with a 4 pixel rgb(234, 248, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(234, 248,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2570, 89.3304, 74.6932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 248, 211) }
```

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

```
.background{ background-color: rgb(234,  
248, 211) }
```

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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