

Converting Colors

XYZ(79.4526, 90.3542, 72.5516)

Have a look what the booklet for
XYZ(79.4526, 90.3542, 72.5516)
contains.

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Color

**XYZ(79.3798, 90.3686,
72.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFACF
RGB	234, 250, 207
RGB Percent	92%, 98%, 81%
CMY	0.0823, 0.0196, 0.1882
CMYK	0.06, 0.00, 0.17, 0.02
HSL	82°, 81%, 90%
HSV	82°, 17%, 98%
XYZ	79.3798, 90.3686, 72.2906
YIQ	240.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

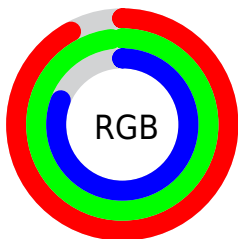
Format	Color
RYB	207, 250, 223
Decimal	15399631
CIELab	96.15, -12.54, 18.88
CIELCh	96, 22.669, 123.587
Yxy	90.3686, 0.3280, 0.3734
Android (android.graphics.Color)	4293589711 (0xFFEAFACF)
YUV	240.3140, -16.4238, -5.5374
Hunter-Lab	95.0624, -17.3066, 21.4564

Details

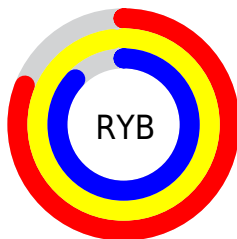
The XYZ color **79.3798, 90.3686, 72.2906** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.0031, 67.2182, 99.7321**, and the grayscale version is **83.1948, 87.5274, 95.3174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4017, 50.3485, 37.5677** is the 20% darker color. If you saturate the color by 10%, you get **73.5879, 87.7111, 57.3082**, and if you desaturate by 10%, it is **85.8210, 93.3103, 89.8333**.

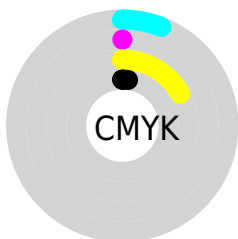
Distribution



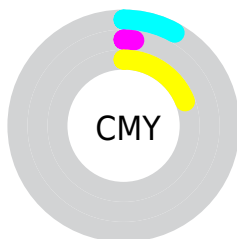
- Red (92%)
- Green (98%)
- Blue (81%)



- Red (81%)
- Yellow (98%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3798, 90.3686, 72.2906 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 79.3798, 90.3686, 72.2906 by changing the saturation by 10% instead.

79.3798, 90.3686,
72.2906

79.3798, 90.3686,
72.2906

481.6087,
529.2292, 487.5571

59.5148, 68.2864,
52.9078

131.4485,
147.8503, 124.1812

43.2757, 50.1308,
37.3420

164.3830,
184.0186, 157.5260

30.2969, 35.5173,
25.1745

202.4047,
225.6510, 196.3620

20.2133, 24.0616,
15.9869

245.8789,
273.1320, 241.1076

12.6593, 15.3794,
9.3606

295.1711,
326.8459, 292.1813

7.2698, 9.0861,
4.8771

350.6465,

3.6792, 4.7974,

387.1771, 350.0018

2.1179

412.6706,
454.5101, 414.9876

■ 1.5223, 2.1289,
0.6264

■ 0.3409, 0.6808,
0.0000

■ 79.3798, 90.3686,
72.2906

■ 79.3798, 90.3686,
72.2906

■ 73.5879, 87.7111,
57.3082

■ 85.8210, 93.3103,
89.8333

■ 68.4129, 85.3157,
44.7605

■ 92.6036, 96.4044,
108.3349

■ 63.8303, 83.1752,
34.5201

■ 93.4774, 96.8548,
108.3758

■ 59.8105, 81.2774,
26.4456

■ 56.3212, 79.6093,
20.3802

■ 53.3260, 78.1558,
16.1457

■ 50.7824, 76.8997,
13.5330

■ 48.6362, 75.8190,
12.2721

■ 48.0845, 75.5390,
12.0462

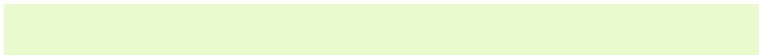
Harmonies

Analogous

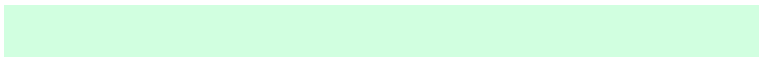
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1389, 90.3686, 67.7405



79.3798, 90.3686, 72.2906



75.5184, 90.3686, 83.7903

Triad

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



79.3798, 90.3686, 72.2906



80.6286, 90.3686, 132.7588



98.5260, 90.3686, 96.2468

Complementary

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



79.3798, 90.3686, 72.2906



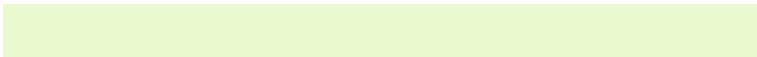
70.0031, 67.2182, 99.7321

Split Complementary

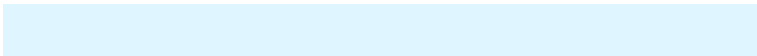
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1759, 90.3686, 114.6075



79.3798, 90.3686, 72.2906



86.6508, 90.3686, 137.1343

Square

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



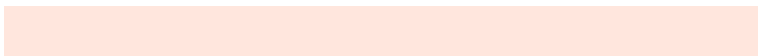
79.3798, 90.3686, 72.2906



76.2144, 90.3686, 118.8092



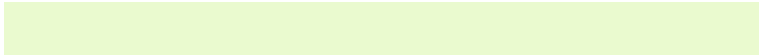
92.7523, 90.3686, 130.1327



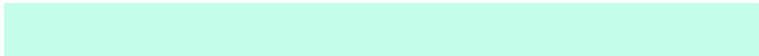
96.3574, 90.3686, 80.4662

Rectangle

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



79.3798, 90.3686, 72.2906



74.4354, 90.3686, 94.5809



92.7523, 90.3686, 130.1327



98.4691, 90.3686, 102.3124

Sweetspot

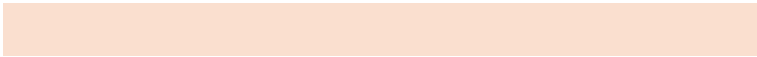
The Sweet Spot groups the original color and five complimentary colors.



79.3822, 90.3725, 72.2926



91.3403, 98.3169, 98.3643



77.0155, 77.4827, 69.9293



19.4420, 20.9945, 20.7493



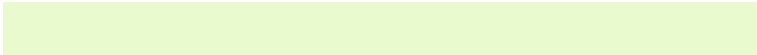
0.0000, 0.0000, 0.0000



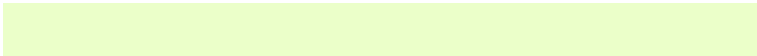
20.3446, 21.4041, 23.3091

Same Dimension

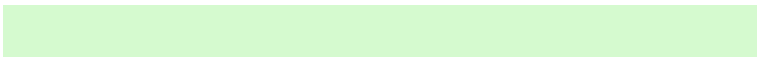
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3822, 90.3725, 72.2926



80.6398, 93.4324, 69.3204



72.8142, 86.9866, 71.9852



18.0647, 19.8491, 18.3415



25.6686, 40.1509, 6.3970



2.4945, 3.7790, 0.5980

Inverse Universe

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



70.0031, 67.2182, 99.7321



68.9762, 64.6352, 103.4481



76.9722, 70.8109, 100.0583



16.8933, 16.9576, 21.7681



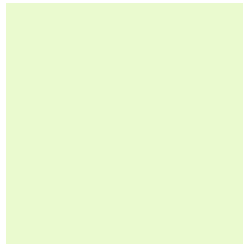
11.6951, 4.9717, 48.3168



1.1960, 0.5186, 4.4802

Previews

White Background



This preview shows how the XYZ color 79.3798, 90.3686, 72.2906 looks on a white background.

Color Contrast Check

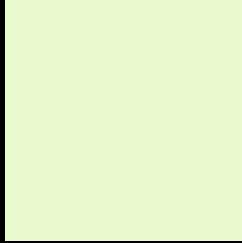
Large Text (above 18pt) WCAG AA × Fail

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 79.3798, 90.3686, 72.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

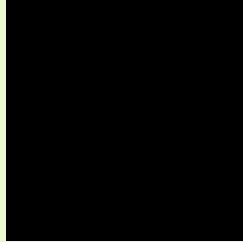
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

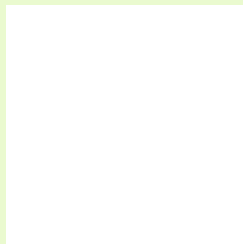
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3798, 90.3686, 72.2906

Background



This preview shows how black text looks on a background with the XYZ color 79.3798, 90.3686, 72.2906.



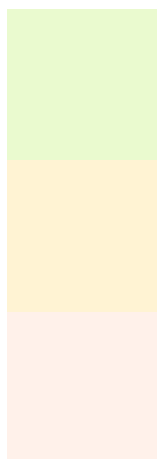
This preview shows how white text looks on a background with the XYZ color 79.3798, 90.3686,

72.2906.

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

79.3798, 90.3686, 72.2906

Protanopia

85.0485, 90.0643, 74.5296

Deuteranopia

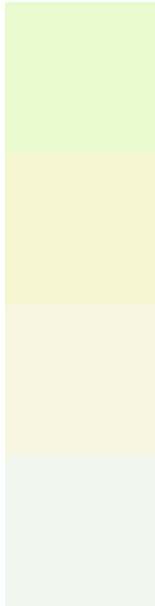
87.5466, 90.1111, 90.6209



Tritanopia

87.0627, 90.3759, 107.4633

Trichromacy



Original Color

79.3798, 90.3686, 72.2906

Protanomaly

82.9464, 90.3388, 74.0382

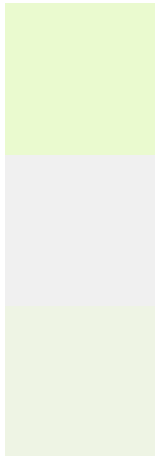
Deuteranomaly

84.1630, 89.8573, 83.4293

Tritanomaly

84.3236, 90.6098, 93.9340

Monochromacy



Original Color

79.3798, 90.3686, 72.2906

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.6142, 88.4799, 86.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3798, 90.3686, 72.2906 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, 250, 207)` looks like.

```
.text, #text, p{  
    color:rgb(234, 250, 207)  
}
```

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, 250, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 250, 207) }
```

Border

The CSS property to change the border of an element to XYZ 79.3798, 90.3686, 72.2906 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, 250, 207) }
```


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

```
.border{ border-color:rgb(234, 250, 207) }
```

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

Here you see how a box with a 4 pixel rgb(234, 250, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 250, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 250, 207);  
box-shadow:4px 4px 4px 4px rgb(234, 250,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3798, 90.3686, 72.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 250, 207) }
```

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

```
.background{ background-color: rgb(234,  
250, 207) }
```

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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