

Converting Colors

XYZ(79.7322, 92.5569, 74.3198)

Have a look what the booklet for
XYZ(79.7322, 92.5569, 74.3198)
contains.

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Color

**XYZ(79.7078, 92.3598,
74.5989)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FED2
RGB	230, 254, 210
RGB Percent	90%, 100%, 82%
CMY	0.0980, 0.0039, 0.1765
CMYK	0.09, 0.00, 0.17, 0.00
HSL	93°, 96%, 91%
HSV	93°, 17%, 100%
XYZ	79.7078, 92.3598, 74.5989
YIQ	241.8080, -0.1800, -18.7720

Conversions

Conversions Part 2

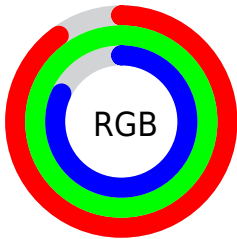
Format	Color
RYB	210, 254, 234
Decimal	15138514
CIELab	96.97, -15.42, 18.46
CIElCh	97, 24.049, 129.873
Yxy	92.3598, 0.3231, 0.3744
Android (android.graphics.Color)	4293328594 (0xFFE6FED2)
YUV	241.8080, -15.6813, -10.3556
Hunter-Lab	96.1040, -20.1357, 21.2501

Details

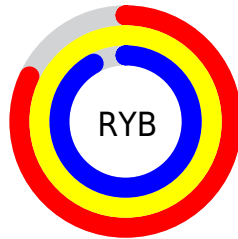
The XYZ color **79.7078, 92.3598, 74.5989** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.8714, 70.7439, 103.4797**, and the grayscale version is **84.3686, 88.7624, 96.6622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3382, 51.2977, 38.6276** is the 20% darker color. If you saturate the color by 10%, you get **72.5203, 88.9943, 59.0340**, and if you desaturate by 10%, it is **87.7561, 96.1165, 92.8297**.

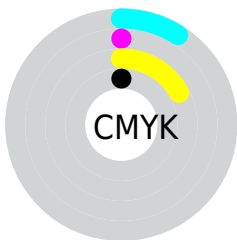
Distribution



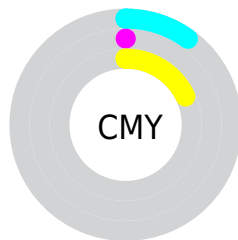
- Red (90%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7078, 92.3598, 74.5989 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 79.7078, 92.3598, 74.5989 by changing the saturation by 10% instead.


 79.7078, 92.3598,
74.5989

 79.7078, 92.3598,
74.5989


482.6991,
535.6777, 495.7564

 59.7856, 69.9395,
54.7846


131.9075,
150.6120, 127.4863

 43.4946, 51.4772,
38.8319


164.9157,
187.2126, 161.3965

 30.4696, 36.5885,
26.3221


203.0166,
229.3089, 200.8424

 20.3451, 24.8891,
16.8369

246.5756,
277.2851, 246.2425

 12.7559, 15.9944,
9.9575

295.9580,
331.5257, 298.0154

 7.3365, 9.5202,
5.2656

351.5291,

 3.7216, 5.0820,

392.4151, 356.5797

2.3425

413.6544,
460.3376, 422.3538

■ 1.5459, 2.2955,
0.7549

■ 0.3567, 0.7713,
0.0000

■ 79.7078, 92.3598,
74.5989

■ 79.7078, 92.3598,
74.5989

■ 72.5203, 88.9943,
59.0340

■ 87.7561, 96.1165,
92.8297

■ 66.1543, 85.9944,
46.0042

94.7337, 99.3674,
108.7946

■ 60.5784, 83.3493,
35.3765

■ 55.7558, 81.0435,
27.0035

■ 51.6463, 79.0598,
20.7214

■ 48.2052, 77.3791,
16.3446

■ 45.3809, 75.9798,
13.6544

■ 43.1092, 74.8348,
12.3677

■ 42.5721, 74.5622,
12.1482

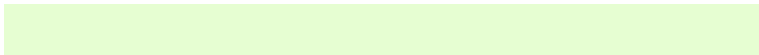
Harmonies

Analogous

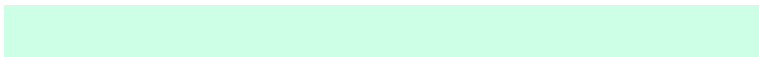
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5737, 92.3598, 68.1481



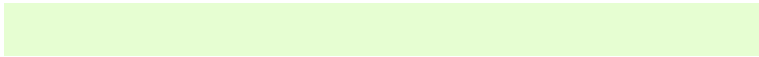
79.7078, 92.3598, 74.5989



76.1301, 92.3598, 88.2831

Triad

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



79.7078, 92.3598, 74.5989



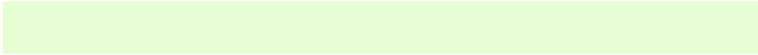
83.3852, 92.3598, 139.7519



101.2332, 92.3598, 94.3110

Complementary

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



79.7078, 92.3598, 74.5989



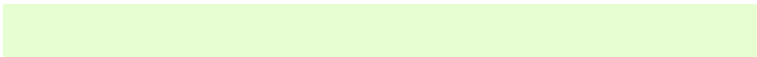
74.8714, 70.7439, 103.4797

Split Complementary

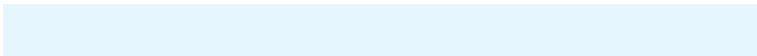
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.5730, 92.3598, 113.9344



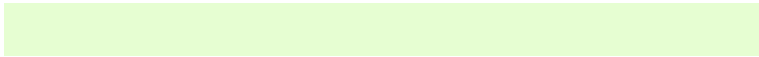
79.7078, 92.3598, 74.5989



90.0345, 92.3598, 141.9086

Square

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



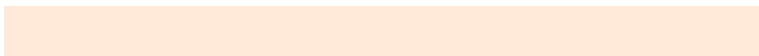
79.7078, 92.3598, 74.5989



78.1764, 92.3598, 126.3857



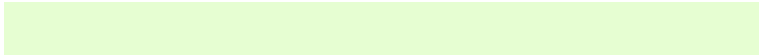
96.3907, 92.3598, 131.9476



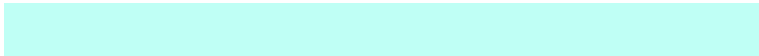
98.1507, 92.3598, 78.5233

Rectangle

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



79.7078, 92.3598, 74.5989



75.4101, 92.3598, 100.4818



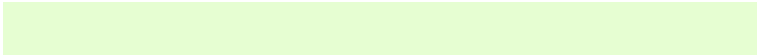
96.3907, 92.3598, 131.9476



101.4451, 92.3598, 100.6465

Sweetspot

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



79.7103, 92.3638, 74.6009



90.5518, 97.9105, 98.3274



81.7807, 84.2699, 72.9295



19.2504, 20.8957, 20.7403



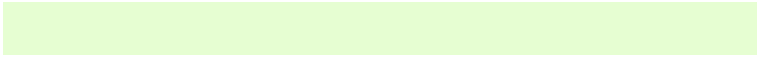
0.0000, 0.0000, 0.0000



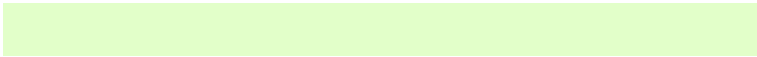
20.3446, 21.4041, 23.3091

Same Dimension

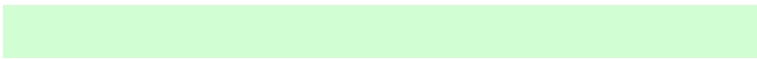
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7103, 92.3638, 74.6009



77.6531, 91.8927, 69.1806



73.8394, 89.3160, 75.2846



18.5557, 20.5724, 19.1372



22.6084, 39.3931, 6.4121



2.3253, 3.8995, 0.6301

Inverse Universe

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



74.8714, 70.7439, 103.4797



71.8879, 66.1362, 103.5844



81.5786, 74.2286, 102.5720



17.9501, 17.8660, 22.7524



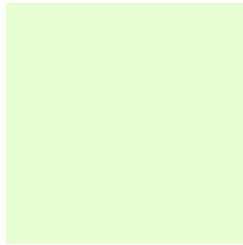
15.1788, 6.7355, 49.9346



1.6039, 0.7208, 4.8679

Previews

White Background



This preview shows how the XYZ color 79.7078, 92.3598, 74.5989 looks on a white background.

Color Contrast Check

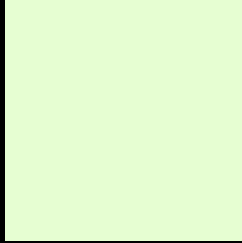
Large Text (above 18pt) WCAG AA × Fail

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 79.7078, 92.3598, 74.5989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

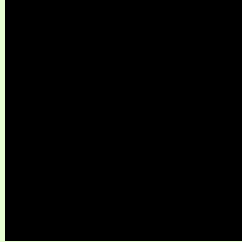
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

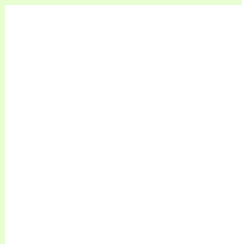
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7078, 92.3598, 74.5989

Background



This preview shows how black text looks on a background with the XYZ color 79.7078, 92.3598, 74.5989.

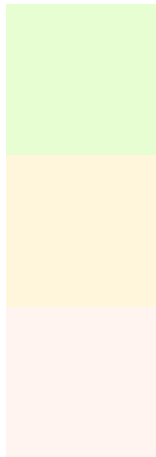


This preview shows how white text looks on a background with the XYZ color 79.7078, 92.3598,

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

79.7078, 92.3598, 74.5989

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.1707, 92.1934, 94.7567

Tritanopia

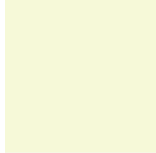
87.9679, 92.1862, 107.7651

Trichromacy



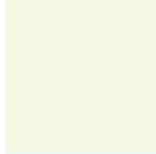
Original Color

79.7078, 92.3598, 74.5989



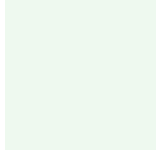
Protanomaly

84.2764, 92.3021, 78.3400



Deuteranomaly

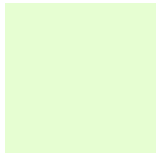
85.5770, 92.3291, 86.7097



Tritanomaly

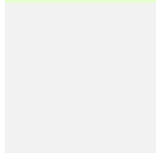
84.7156, 92.1605, 94.9851

Monochromacy



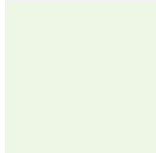
Original Color

79.7078, 92.3598, 74.5989



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4986, 89.8018, 87.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7078, 92.3598, 74.5989 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(230, 254, 210)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 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(230, 254, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.7078, 92.3598, 74.5989 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(230, 254, 210) }
```


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

```
.border{ border-color:rgb(230, 254, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 254, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 210);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7078, 92.3598, 74.5989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 254, 210) }
```

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

```
.background{ background-color: rgb(230,  
254, 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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