

Converting Colors

XYZ(74.2802, 89.9258, 79.3281)

Have a look what the booklet for
XYZ(74.2802, 89.9258, 79.3281)
contains.

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Color

**XYZ(74.2968, 89.9397,
79.0899)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFD9
RGB	208, 255, 217
RGB Percent	82%, 100%, 85%
CMY	0.1843, 0.0000, 0.1490
CMYK	0.18, 0.00, 0.15, 0.00
HSL	131°, 100%, 91%
HSV	131°, 18%, 100%
XYZ	74.2968, 89.9397, 79.0899
YIQ	236.6150, -15.8140, -21.7820

Conversions

Conversions Part 2

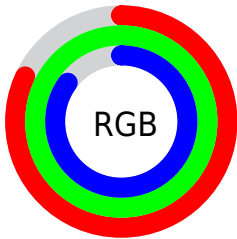
Format	Color
R_{YB}	208, 247, 255
Decimal	13696985
CIE _{Lab}	95.97, -22.05, 13.27
CIE _{LCh}	96, 25.733, 148.955
Yxy	89.9397, 0.3053, 0.3696
Android (android.graphics.Color)	4291887065 (0xFFD0FFD9)
YUV	236.6150, -9.6702, -25.0954
Hunter-Lab	94.8365, -26.1236, 16.9401

Details

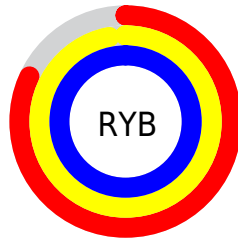
The XYZ color **74.2968, 89.9397, 79.0899** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.4307, 73.0262, 97.0446**, and the grayscale version is **80.2805, 84.4613, 91.9784**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8525, 49.7691, 41.6884** is the 20% darker color. If you saturate the color by 10%, you get **65.1778, 85.5293, 65.5285**, and if you desaturate by 10%, it is **84.9048, 95.0788, 94.4725**.

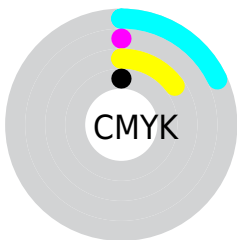
Distribution



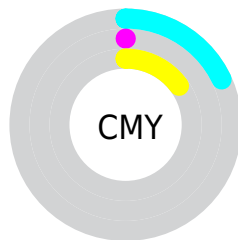
- Red (82%)
- Green (100%)
- Blue (85%)



- Red (82%)
- Yellow (97%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2968, 89.9397, 79.0899 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 74.2968, 89.9397, 79.0899 by changing the saturation by 10% instead.


 74.2968, 89.9397,
79.0899

 74.2968, 89.9397,
79.0899


464.5316,
527.8347, 511.4861

 55.3291, 67.9306,
58.4480


124.3097,
147.2546, 133.8852

 39.9002, 49.8413,
41.7518


156.0856,
183.3293, 168.8757

 27.6446, 35.2873,
28.5829


192.8617,
224.8613, 209.4861

 18.1970, 23.8843,
18.5227

235.0033,
272.2349, 256.1350

 11.1921, 15.2478,
11.1526

282.8757,
325.8347, 309.2409

 6.2644, 8.9935,
6.0541

336.8443,

 3.0487, 4.7369,

386.0450, 369.2224

2.8087

397.2745,
453.2502, 436.4979

■ 1.1796, 2.0938,
0.9978

■ 0.0901, 0.6611,
0.0000

■ 74.2968, 89.9397,
79.0899

■ 74.2968, 89.9397,
79.0899

■ 65.1778, 85.5293,
65.5285

■ 84.9048, 95.0788,
94.4725

■ 57.4785, 81.8137,
53.7167

95.0500, 100.0000,
108.9000

■ 51.1271, 78.7571,
43.5845

■ 46.0446, 76.3205,
35.0553

■ 42.1434, 74.4605,
28.0467

■ 39.3249, 73.1280,
22.4689

■ 37.4732, 72.2655,
18.2225

■ 36.4315, 71.7944,
15.1946

■ 36.3109, 71.7404,
14.8210

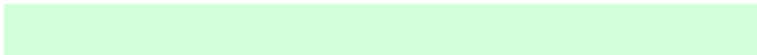
Harmonies

Analogous

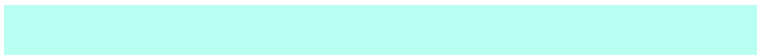
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0346, 89.9397, 67.5046



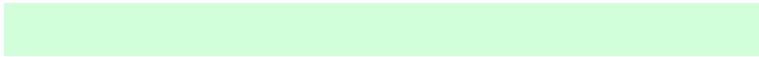
74.2968, 89.9397, 79.0899



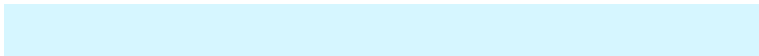
72.5293, 89.9397, 97.2166

Triad

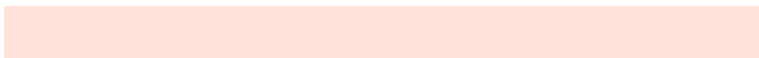
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2968, 89.9397, 79.0899



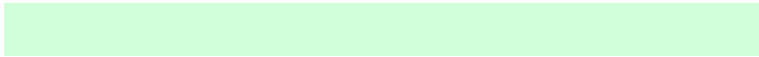
85.2359, 89.9397, 142.5333



98.0164, 89.9397, 80.1676

Complementary

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



74.2968, 89.9397, 79.0899



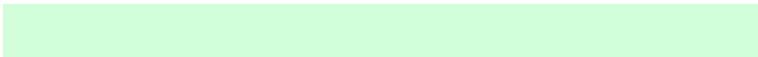
80.4307, 73.0262, 97.0446

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.



99.8983, 89.9397, 98.6450



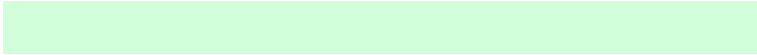
74.2968, 89.9397, 79.0899



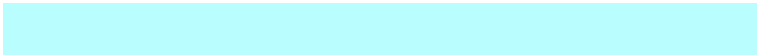
92.2771, 89.9397, 136.3466

Square

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



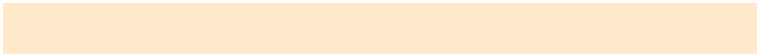
74.2968, 89.9397, 79.0899



78.6254, 89.9397, 135.4581



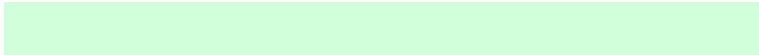
97.7435, 89.9397, 119.5448



92.7324, 89.9397, 68.0634

Rectangle

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



74.2968, 89.9397, 79.0899



73.1938, 89.9397, 111.2082



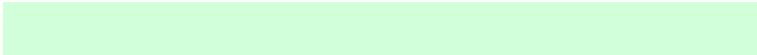
97.7435, 89.9397, 119.5448



99.0804, 89.9397, 85.7514

Sweetspot

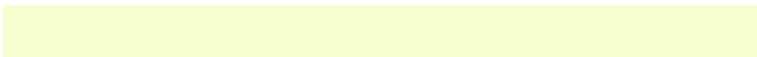
The Sweet Spot groups the original color and five complimentary colors.



74.2975, 89.9400, 79.0913



87.7152, 96.4415, 98.4934



85.2861, 95.7364, 73.6593



18.6111, 20.5631, 20.8480



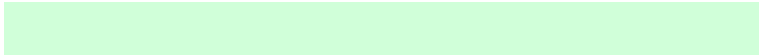
0.0000, 0.0000, 0.0000



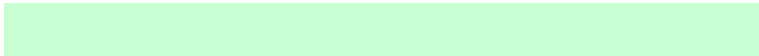
20.3446, 21.4041, 23.3091

Same Dimension

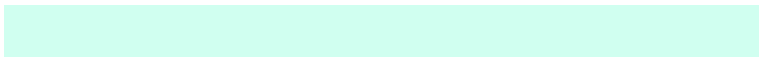
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2975, 89.9400, 79.0913



70.8752, 88.2838, 74.0452



77.5184, 91.2283, 96.0525



17.9137, 20.2250, 19.8485



19.0135, 37.5020, 7.9561



1.8870, 3.6657, 0.9627

Inverse Universe

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



80.4307, 73.0262, 97.0446



78.0085, 68.6081, 94.9234



77.0999, 71.6939, 79.5050



18.6347, 18.2372, 21.9595



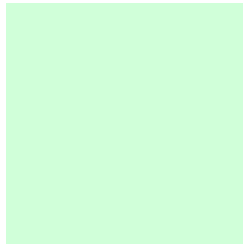
27.4336, 13.4627, 31.9977



2.7077, 1.3254, 3.3080

Previews

White Background



This preview shows how the XYZ color 74.2968, 89.9397, 79.0899 looks on a white background.

Color Contrast Check

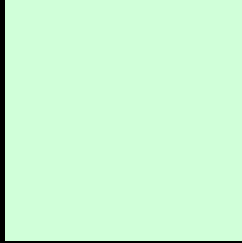
Large Text (above 18pt) WCAG AA × Fail

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 74.2968, 89.9397, 79.0899 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

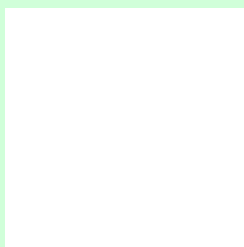
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2968, 89.9397, 79.0899

Background



This preview shows how black text looks on a background with the XYZ color 74.2968, 89.9397, 79.0899.



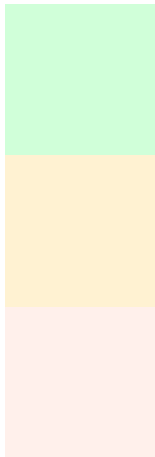
This preview shows how white text looks on a background with the XYZ color 74.2968, 89.9397,

79.0899.

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

74.2968, 89.9397, 79.0899

Protanopia

84.6250, 89.4174, 73.7718

Deuteranopia

87.3955, 89.5783, 91.2814



Tritanopia

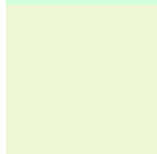
83.6574, 89.5137, 107.4764

Trichromacy



Original Color

74.2968, 89.9397, 79.0899



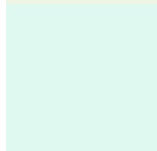
Protanomaly

80.5309, 89.5028, 75.9821



Deuteranomaly

81.9159, 89.0834, 86.2762



Tritanomaly

80.1843, 89.7902, 96.3242

Monochromacy



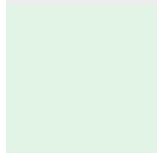
Original Color

74.2968, 89.9397, 79.0899



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

77.9976, 86.5833, 87.4642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2968, 89.9397, 79.0899 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(208, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 217)  
}
```

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(208, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.2968, 89.9397, 79.0899 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(208, 255, 217) }
```


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

```
.border{ border-color:rgb(208, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2968, 89.9397, 79.0899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 217) }
```

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

```
.background{ background-color: rgb(208,  
255, 217) }
```

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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