

Converting Colors

XYZ(74.7417, 90.1535, 79.8127)

Have a look what the booklet for
XYZ(74.7417, 90.1535, 79.8127)
contains.

XYZ(74.7094, 90.1373, 79.7903)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7094, 90.1373,
79.7903)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFDA
RGB	209, 255, 218
RGB Percent	82%, 100%, 85%
CMY	0.1804, 0.0000, 0.1451
CMYK	0.18, 0.00, 0.15, 0.00
HSL	132°, 100%, 91%
HSV	132°, 18%, 100%
XYZ	74.7094, 90.1373, 79.7903
YIQ	237.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

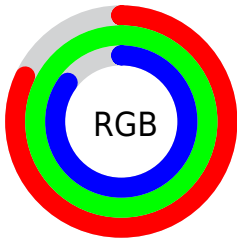
Format	Color
R _Y B	209, 247, 255
Decimal	13762522
CIE Lab	96.05, -21.55, 12.88
CIE LCh	96, 25.107, 149.127
Yxy	90.1373, 0.3054, 0.3685
Android (android.graphics.Color)	4291952602 (0xFFD1FFDA)
YUV	237.0280, -9.3808, -24.5806
Hunter-Lab	94.9407, -25.6834, 16.6298

Details

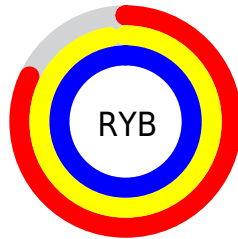
The XYZ color **74.7094, 90.1373, 79.7903** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.6753, 73.5155, 97.1263**, and the grayscale version is **80.5959, 84.7932, 92.3398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1314, 49.9025, 42.1673** is the 20% darker color. If you saturate the color by 10%, you get **65.5424, 85.7027, 66.2069**, and if you desaturate by 10%, it is **85.3646, 95.3007, 95.1799**.

Distribution



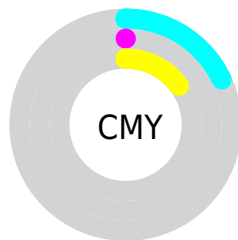
- Red (82%)
- Green (100%)
- Blue (85%)



- 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 74.7094, 90.1373, 79.7903 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 74.7094, 90.1373, 79.7903 by changing the saturation by 10% instead.

 74.7094, 90.1373,
79.7903

 74.7094, 90.1373,
79.7903


465.9307,
528.4774, 513.9140

 55.6682, 68.0945,
59.0207

124.8910,
147.5291, 134.8796

 40.1729, 49.9746,
42.2096


156.7622,
183.6469, 170.0363

 27.8582, 35.3932,
28.9387


193.6406,
225.2252, 210.8258

 18.3587, 23.9660,
18.7893

235.8918,
272.6483, 257.6667

 11.3091, 15.3084,
11.3428

283.8811,
326.3007, 310.9774

 6.3439, 9.0361,
6.1809

337.9737,

 3.0980, 4.7647,

386.5668, 371.1764

2.8848

398.5352,
453.8308, 438.6825

■ 1.2058, 2.1099,
1.0361

■ 0.1109, 0.6702,
0.0000

■ 74.7094, 90.1373,
79.7903

■ 74.7094, 90.1373,
79.7903

■ 65.5424, 85.7027,
66.2069

■ 85.3646, 95.3007,
95.1799

■ 57.7948, 81.9628,
54.3594

95.0500, 100.0000,
108.9000

■ 51.3950, 78.8823,
44.1789

■ 46.2647, 76.4223,
35.5903

■ 42.3169, 74.5398,
28.5129

■ 39.4538, 73.1859,
22.8589

■ 37.5607, 72.3038,
18.5310

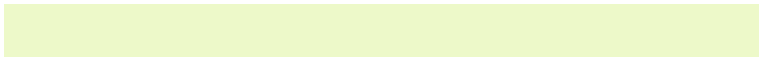
■ 36.4865, 71.8179,
15.4192

■ 36.3335, 71.7494,
14.9398

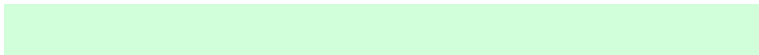
Harmonies

Analogous

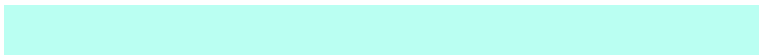
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3327, 90.1373, 68.3705



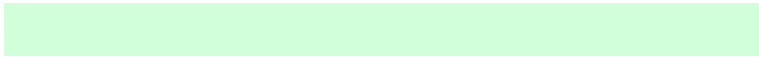
74.7094, 90.1373, 79.7903



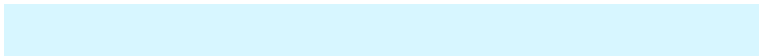
72.9962, 90.1373, 97.5627

Triad

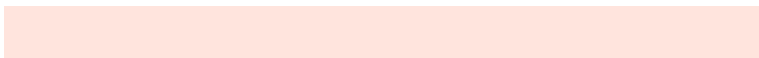
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7094, 90.1373, 79.7903



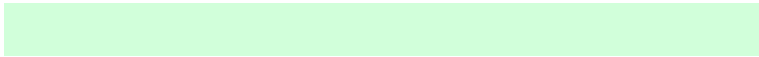
85.4695, 90.1373, 141.5899



97.8817, 90.1373, 80.6726

Complementary

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



74.7094, 90.1373, 79.7903



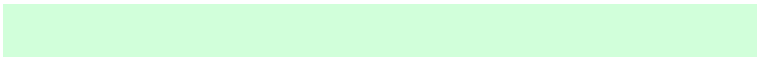
80.6753, 73.5155, 97.1263

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.



99.7381, 90.1373, 98.7280



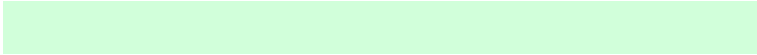
74.7094, 90.1373, 79.7903



92.3420, 90.1373, 135.5067

Square

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



74.7094, 90.1373, 79.7903



78.9984, 90.1373, 134.7856



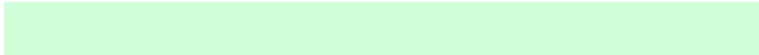
97.6595, 90.1373, 119.1167



92.7129, 90.1373, 68.8294

Rectangle

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



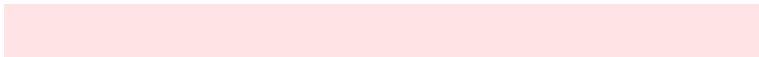
74.7094, 90.1373, 79.7903



73.6597, 90.1373, 111.2235



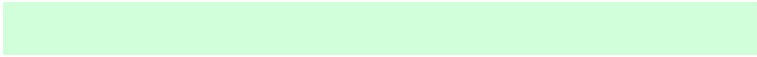
97.6595, 90.1373, 119.1167



98.9258, 90.1373, 86.1327

Sweetspot

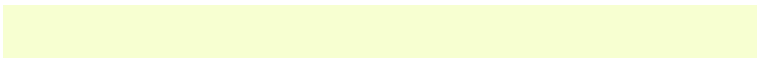
The Sweet Spot groups the original color and five complimentary colors.



74.7101, 90.1376, 79.7917



88.9063, 97.0185, 100.2226



85.4740, 95.8190, 74.3126



18.8516, 20.6796, 21.1989



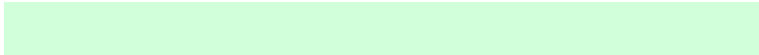
0.0000, 0.0000, 0.0000



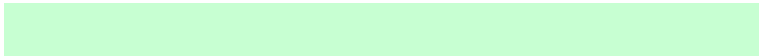
20.3446, 21.4041, 23.3091

Same Dimension

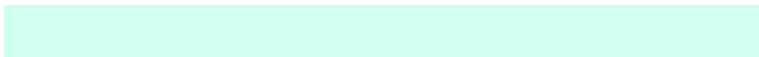
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7101, 90.1376, 79.7917



70.9042, 88.2955, 74.1981



77.8477, 91.3926, 96.3139



17.9168, 20.2263, 19.8649



19.0260, 37.5070, 8.0220



1.8886, 3.6664, 0.9714

Inverse Universe

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



80.6753, 73.5155, 97.1263



77.9731, 68.5939, 94.7366



77.4368, 72.2201, 80.0726



18.6313, 18.2358, 21.9417



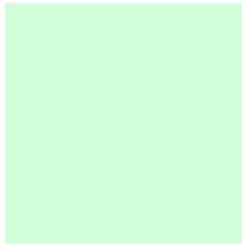
27.3672, 13.4362, 31.6480



2.7018, 1.3231, 3.2770

Previews

White Background



This preview shows how the XYZ color 74.7094, 90.1373, 79.7903 looks on a white background.

Color Contrast Check

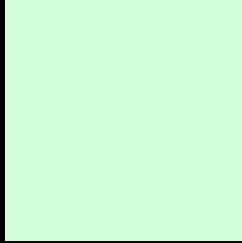
Large Text (above 18pt) WCAG AA × Fail

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 74.7094, 90.1373, 79.7903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

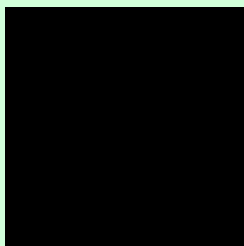
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

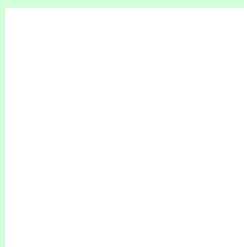
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7094, 90.1373, 79.7903

Background



This preview shows how black text looks on a background with the XYZ color 74.7094, 90.1373, 79.7903.



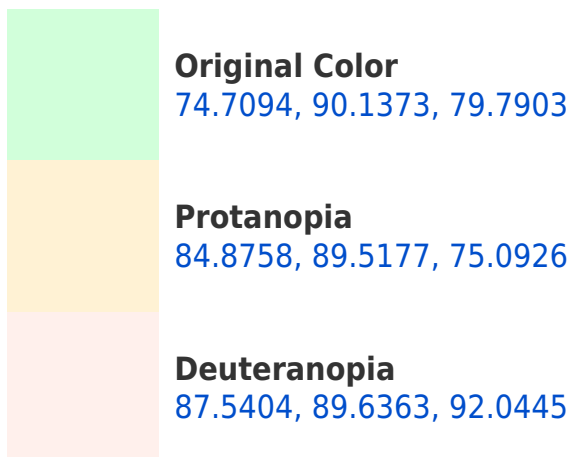
This preview shows how white text looks on a background with the XYZ color 74.7094, 90.1373,

79.7903.

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





Tritanopia

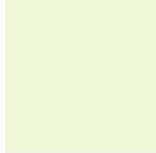
83.9811, 89.6806, 107.4916

Trichromacy



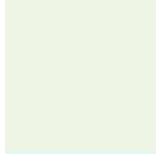
Original Color

74.7094, 90.1373, 79.7903



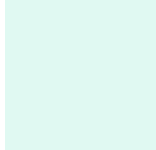
Protanomaly

80.6583, 89.5537, 76.6528



Deuteranomaly

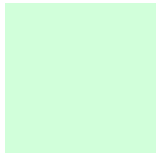
82.0552, 89.1391, 87.0095



Tritanomaly

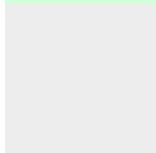
80.6432, 90.0095, 97.1276

Monochromacy



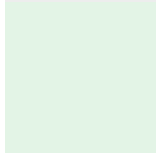
Original Color

74.7094, 90.1373, 79.7903



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3122, 86.7454, 87.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7094, 90.1373, 79.7903 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(209, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 218)  
}
```

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(209, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.7094, 90.1373, 79.7903 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(209, 255, 218) }
```


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

```
.border{ border-color:rgb(209, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7094, 90.1373, 79.7903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 218) }
```

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

```
.background{ background-color: rgb(209,  
255, 218) }
```

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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