

Converting Colors

XYZ(74.8664, 87.4190, 79.3459)

Have a look what the booklet for
XYZ(74.8664, 87.4190, 79.3459)
contains.

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Color

**XYZ(74.8495, 87.4122,
79.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F9DA
RGB	216, 249, 218
RGB Percent	85%, 98%, 85%
CMY	0.1529, 0.0235, 0.1451
CMYK	0.13, 0.00, 0.12, 0.02
HSL	124°, 73%, 91%
HSV	124°, 13%, 98%
XYZ	74.8495, 87.4122, 79.2569
YIQ	235.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

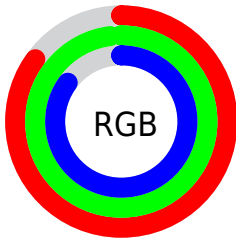
Format	Color
R _Y B	216, 247, 249
Decimal	14219738
CIE Lab	94.91, -16.34, 11.32
CIE LCh	95, 19.881, 145.296
Yxy	87.4122, 0.3099, 0.3619
Android (android.graphics.Color)	4292409818 (0xFFD8F9DA)
YUV	235.5990, -8.6763, -17.1883
Hunter-Lab	93.4945, -20.7124, 15.1850

Details

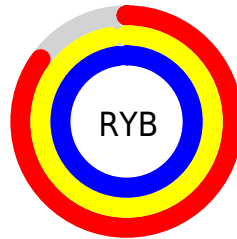
The XYZ color **74.8495, 87.4122, 79.2569** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.4144, 75.9691, 98.4251**, and the grayscale version is **79.4938, 83.6336, 91.0770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3788, 48.3613, 41.8568** is the 20% darker color. If you saturate the color by 10%, you get **65.1950, 82.7667, 63.9386**, and if you desaturate by 10%, it is **86.0556, 92.8127, 96.9065**.

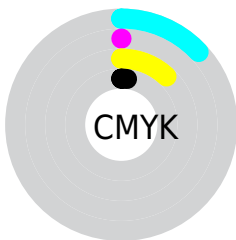
Distribution



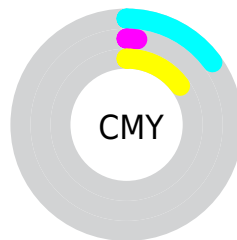
- Red (85%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (97%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8495, 87.4122, 79.2569 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 74.8495, 87.4122, 79.2569 by changing the saturation by 10% instead.

74.8495, 87.4122,
79.2569

74.8495, 87.4122,
79.2569

466.4053,
519.5764, 512.0656

55.7833, 65.8364,
58.5845

125.0883,
143.7385, 134.1224

40.2656, 48.1396,
41.8609

156.9918,
179.2578, 169.1526

27.9308, 33.9374,
28.6676

193.9049,
220.1938, 209.8058

18.4137, 22.8455,
18.5861

236.1933,
266.9307, 256.5005

11.3489, 14.4795,
11.1978

284.2221,
319.8530, 309.6553

6.3710, 8.4549,
6.0842

338.3569,

3.1148, 4.3874,

379.3452, 369.6887

2.8267

398.9628,
445.7915, 437.0193

■ 1.2147, 1.8925,
1.0069

■ 0.1180, 0.5439,
0.0000

■ 74.8495, 87.4122,
79.2569

■ 74.8495, 87.4122,
79.2569

■ 65.1950, 82.7667,
63.9386

■ 86.0556, 92.8127,
96.9065

■ 57.0169, 78.8320,
50.8486

■ 93.1673, 96.2347,
108.2724

■ 50.2446, 75.5764,
39.8850

■ 44.7988, 72.9614,
30.9355

■ 40.5922, 70.9447,
23.8777

■ 37.5274, 69.4789,
18.5756

■ 35.4919, 68.5094,
14.8754

■ 34.3505, 67.9702,
12.5965

■ 33.9642, 67.7894,
11.7499

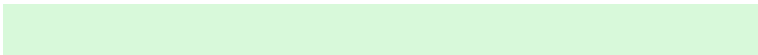
Harmonies

Analogous

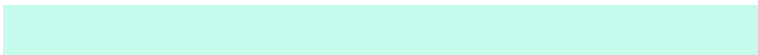
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7320, 87.4122, 70.7822



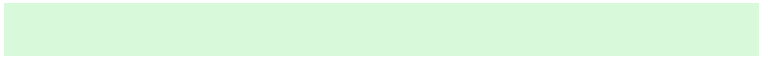
74.8495, 87.4122, 79.2569



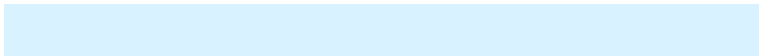
73.1747, 87.4122, 92.7632

Triad

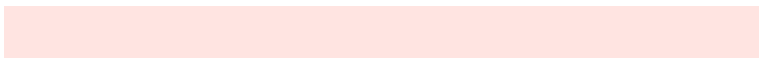
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8495, 87.4122, 79.2569



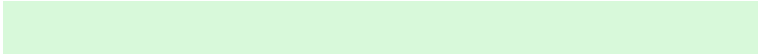
82.2355, 87.4122, 127.9331



92.8107, 87.4122, 83.0480

Complementary

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



74.8495, 87.4122, 79.2569



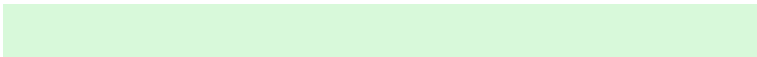
80.4144, 75.9691, 98.4251

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.



93.8469, 87.4122, 97.6323



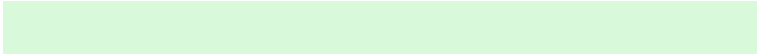
74.8495, 87.4122, 79.2569



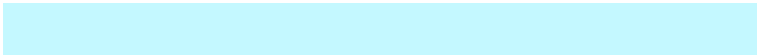
87.5908, 87.4122, 124.6172

Square

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



74.8495, 87.4122, 79.2569



77.3200, 87.4122, 121.7262



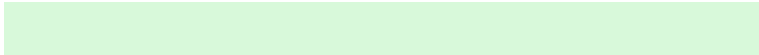
91.8985, 87.4122, 113.0979



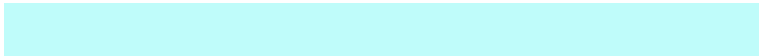
89.1248, 87.4122, 72.7994

Rectangle

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



74.8495, 87.4122, 79.2569



73.4804, 87.4122, 103.2247



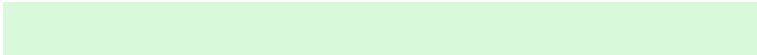
91.8985, 87.4122, 113.0979



93.4870, 87.4122, 87.5589

Sweetspot

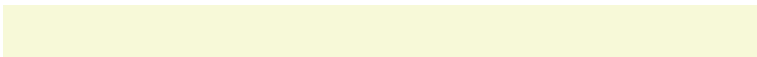
The Sweet Spot groups the original color and five complimentary colors.



74.8519, 87.4159, 79.2588



89.8918, 97.5147, 100.8057



84.7554, 92.5514, 78.3640



19.0394, 20.7753, 21.2606



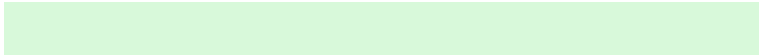
0.0000, 0.0000, 0.0000



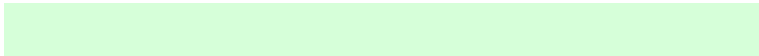
20.3446, 21.4041, 23.3091

Same Dimension

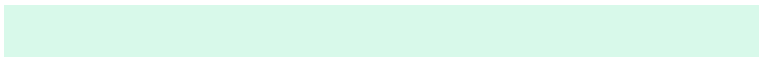
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8519, 87.4159, 79.2588



76.0318, 90.8390, 78.9490



77.0701, 88.3032, 90.9399



17.0600, 19.3263, 18.5167



18.1961, 36.2914, 6.3759



1.6998, 3.3670, 0.6668

Inverse Universe

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



80.4144, 75.9691, 98.4251



82.9916, 76.5162, 102.9292



78.0282, 75.0146, 85.8595



17.9449, 17.5053, 21.5658



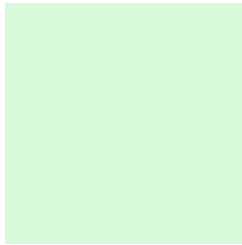
28.8741, 13.9653, 42.9067



2.6876, 1.2988, 4.0445

Previews

White Background



This preview shows how the XYZ color 74.8495, 87.4122, 79.2569 looks on a white background.

Color Contrast Check

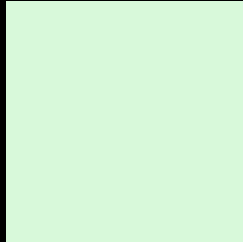
Large Text (above 18pt) WCAG AA × Fail

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 74.8495, 87.4122, 79.2569 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

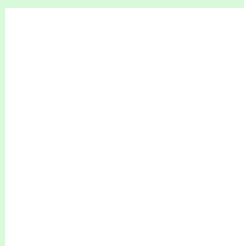
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8495, 87.4122, 79.2569

Background



This preview shows how black text looks on a background with the XYZ color 74.8495, 87.4122, 79.2569.



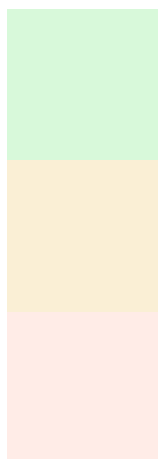
This preview shows how white text looks on a background with the XYZ color 74.8495, 87.4122,

79.2569.

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

74.8495, 87.4122, 79.2569

Protanopia

82.3011, 86.8611, 75.3789

Deuteranopia

85.6593, 87.0204, 87.8832



Tritanopia

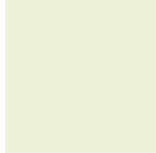
82.1152, 87.3823, 107.1463

Trichromacy



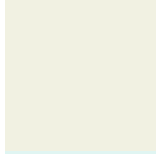
Original Color

74.8495, 87.4122, 79.2569



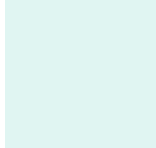
Protanomaly

79.5762, 87.1846, 76.9242



Deuteranomaly

81.4584, 87.1024, 84.4706



Tritanomaly

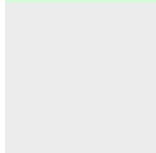
79.4199, 87.5629, 96.7199

Monochromacy



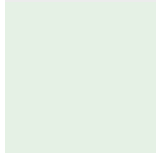
Original Color

74.8495, 87.4122, 79.2569



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9113, 85.2258, 86.4726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8495, 87.4122, 79.2569 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(216, 249, 218)` looks like.

```
.text, #text, p{  
    color:rgb(216, 249, 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(216, 249, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 249, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.8495, 87.4122, 79.2569 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(216, 249, 218) }
```


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

```
.border{ border-color:rgb(216, 249, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 249, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 249, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 249, 218);  
box-shadow:4px 4px 4px 4px rgb(216, 249,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8495, 87.4122, 79.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 249, 218) }
```

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

```
.background{ background-color: rgb(216,  
249, 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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