

Converting Colors

XYZ(74.7524, 87.5898, 79.5095)

Have a look what the booklet for
XYZ(74.7524, 87.5898, 79.5095)
contains.

XYZ(74.8648, 87.8802, 79.3465)	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(74.8648, 87.8802,
79.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FADA
RGB	215, 250, 218
RGB Percent	84%, 98%, 85%
CMY	0.1569, 0.0196, 0.1451
CMYK	0.14, 0.00, 0.13, 0.02
HSL	125°, 78%, 91%
HSV	125°, 14%, 98%
XYZ	74.8648, 87.8802, 79.3465
YIQ	235.8870, -10.5880, -17.3720

Conversions

Conversions Part 2

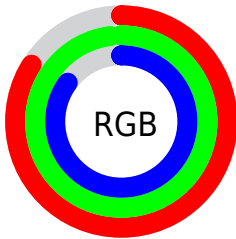
Format	Color
R_{YB}	215, 247, 250
Decimal	14154458
CIE _{Lab}	95.11, -17.16, 11.59
CIE _{LCh}	95, 20.712, 145.967
Yxy	87.8802, 0.3092, 0.3630
Android (android.graphics.Color)	4292344538 (0xFFD7FADA)
YUV	235.8870, -8.8183, -18.3179
Hunter-Lab	93.7444, -21.5017, 15.4373

Details

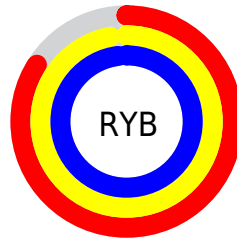
The XYZ color **74.8648, 87.8802, 79.3465** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.5163, 75.6423, 98.3563**, and the grayscale version is **79.7155, 83.8669, 91.3311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1780, 48.2579, 41.8474** is the 20% darker color. If you saturate the color by 10%, you get **65.2894, 83.2685, 64.3468**, and if you desaturate by 10%, it is **85.9793, 93.2427, 96.5751**.

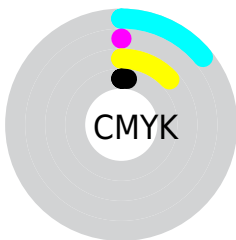
Distribution



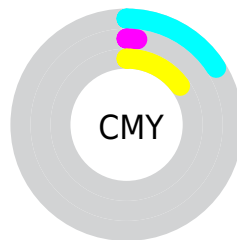
- Red (84%)
- Green (98%)
- Blue (85%)



- Red (84%)
- Yellow (97%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (16%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8648, 87.8802, 79.3465 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 74.8648, 87.8802, 79.3465 by changing the saturation by 10% instead.

 74.8648, 87.8802,
79.3465

 74.8648, 87.8802,
79.3465


466.4571,
521.1108, 512.3763

 55.7959, 66.2239,
58.6577


125.1099,
144.3904, 134.2496

 40.2757, 48.4541,
41.9195


157.0168,
180.0130, 169.3011

 27.9387, 34.1867,
28.7131


193.9338,
221.0598, 209.9772

 18.4197, 23.0370,
18.6202

236.2262,
267.9152, 256.6965

 11.3532, 14.6209,
11.2221

284.2594,
320.9636, 309.8775

 6.3740, 8.5537,
6.1004

338.3987,

 3.1166, 4.4513,

380.5894, 369.9388

2.8365

399.0095,
447.1770, 437.2989

■ 1.2157, 1.9291,
1.0117

■ 0.1187, 0.5658,
0.0000

■ 74.8648, 87.8802,
79.3465

■ 74.8648, 87.8802,
79.3465

■ 65.2894, 83.2685,
64.3468

■ 85.9793, 93.2427,
96.5751

■ 57.1784, 79.3636,
51.4795

■ 93.4773, 96.8546,
108.3758

■ 50.4617, 76.1337,
40.6496

■ 45.0604, 73.5406,
31.7526

■ 40.8878, 71.5419,
24.6748

■ 37.8470, 70.0903,
19.2906

■ 35.8260, 69.1311,
15.4584

■ 34.6897, 68.5983,
13.0137

■ 34.3267, 68.4303,
12.1298

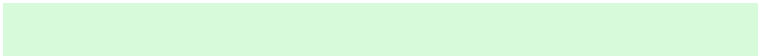
Harmonies

Analogous

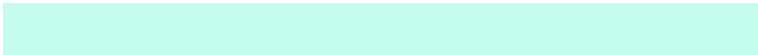
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8718, 87.8802, 70.4081



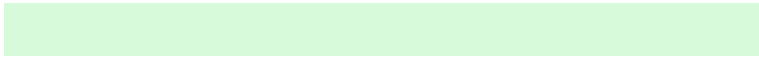
74.8648, 87.8802, 79.3465



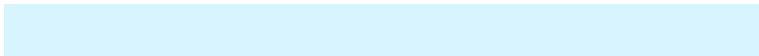
73.1771, 87.8802, 93.5204

Triad

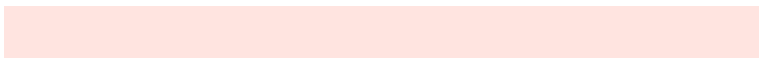
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8648, 87.8802, 79.3465



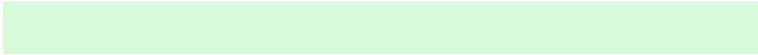
82.7676, 87.8802, 130.1048



93.6541, 87.8802, 82.7305

Complementary

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



74.8648, 87.8802, 79.3465



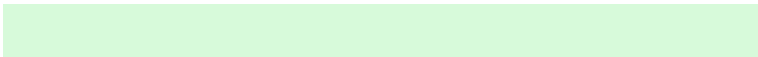
80.5163, 75.6423, 98.3563

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.



94.8106, 87.8802, 97.8860



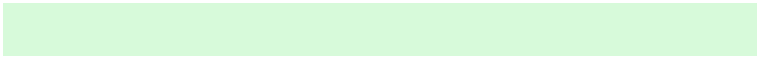
74.8648, 87.8802, 79.3465



88.3629, 87.8802, 126.3896

Square

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



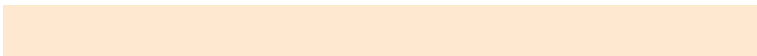
74.8648, 87.8802, 79.3465



77.6080, 87.8802, 123.7800



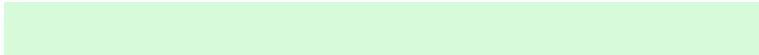
92.8339, 87.8802, 114.1288



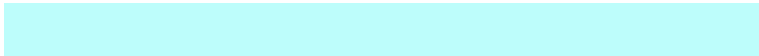
89.7406, 87.8802, 72.2022

Rectangle

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



74.8648, 87.8802, 79.3465



73.5359, 87.8802, 104.4806



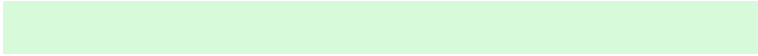
92.8339, 87.8802, 114.1288



94.3855, 87.8802, 87.4005

Sweetspot

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



74.8672, 87.8839, 79.3484



89.9310, 97.5304, 101.0123



84.8422, 93.0712, 77.7838



19.0493, 20.7792, 21.3126



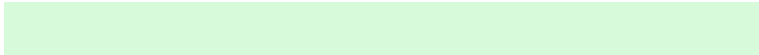
0.0000, 0.0000, 0.0000



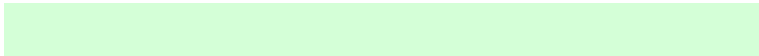
20.3446, 21.4041, 23.3091

Same Dimension

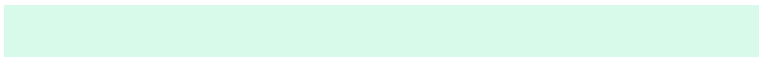
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8672, 87.8839, 79.3484



75.1234, 90.3902, 78.0245



77.2683, 88.8444, 91.9923



17.0778, 19.3334, 18.6101



18.2280, 36.3042, 6.5438



1.7082, 3.3704, 0.7112

Inverse Universe

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



80.5163, 75.6423, 98.3563



82.1535, 75.1551, 101.6781



77.9520, 74.6166, 84.8527



17.9251, 17.4974, 21.4612



28.4088, 13.7792, 40.4566



2.6495, 1.2835, 3.8436

Previews

White Background



This preview shows how the XYZ color 74.8648, 87.8802, 79.3465 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 74.8648, 87.8802, 79.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

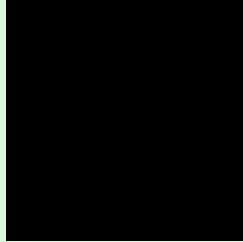
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

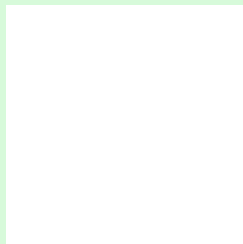
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8648, 87.8802, 79.3465

Background



This preview shows how black text looks on a background with the XYZ color 74.8648, 87.8802, 79.3465.



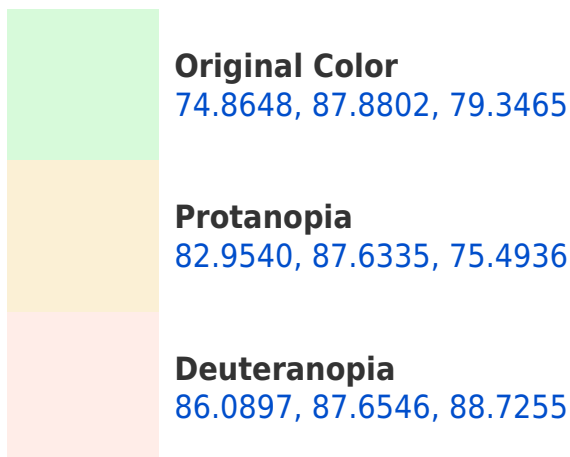
This preview shows how white text looks on a background with the XYZ color 74.8648, 87.8802,

79.3465.

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

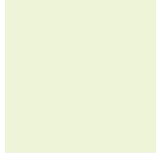
82.1152, 87.3823, 107.1463

Trichromacy



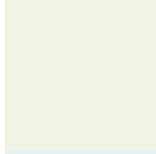
Original Color

74.8648, 87.8802, 79.3465



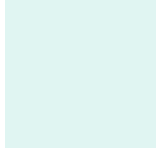
Protanomaly

79.8763, 87.7848, 77.0242



Deuteranomaly

81.5524, 87.5756, 85.2785



Tritanomaly

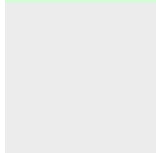
79.4199, 87.5629, 96.7199

Monochromacy



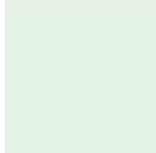
Original Color

74.8648, 87.8802, 79.3465



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.5931, 85.0617, 86.4577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8648, 87.8802, 79.3465 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(215, 250, 218)` looks like.

```
.text, #text, p{  
    color:rgb(215, 250, 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(215, 250, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 250, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.8648, 87.8802, 79.3465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

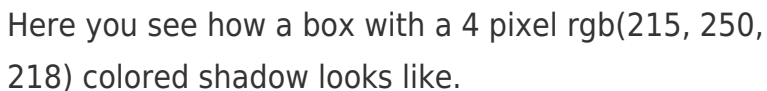
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 250, 218) }
```


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

```
.border{ border-color:rgb(215, 250, 218) }
```

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



Here you see how a box with a 4 pixel rgb(215, 250, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 250, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 250, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 250,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8648, 87.8802, 79.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 250, 218) }
```

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

```
.background{ background-color: rgb(215,  
250, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor