

Converting Colors

XYZ(76.4654, 88.6261, 83.1239)

Have a look what the booklet for
XYZ(76.4654, 88.6261, 83.1239)
contains.

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Color

**XYZ(76.4183, 88.6044,
82.8867)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFADF
RGB	218, 250, 223
RGB Percent	85%, 98%, 87%
CMY	0.1451, 0.0196, 0.1255
CMYK	0.13, 0.00, 0.11, 0.02
HSL	129°, 76%, 92%
HSV	129°, 13%, 98%
XYZ	76.4183, 88.6044, 82.8867
YIQ	237.3540, -10.4050, -15.1810

Conversions

Conversions Part 2

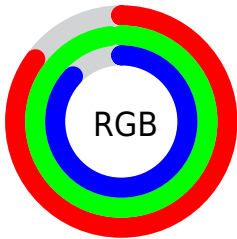
Format	Color
R _Y B	218, 246, 250
Decimal	14351071
CIE Lab	95.41, -15.30, 9.48
CIE LCh	95, 18.002, 148.228
Yxy	88.6044, 0.3083, 0.3574
Android (android.graphics.Color)	4292541151 (0xFFDAFADF)
YUV	237.3540, -7.0765, -16.9735
Hunter-Lab	94.1299, -19.8141, 13.6827

Details

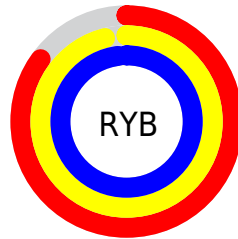
The XYZ color **76.4183, 88.6044, 82.8867** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.9803, 77.0614, 96.9965**, and the grayscale version is **80.8297, 85.0391, 92.6076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2421, 48.7536, 44.2825** is the 20% darker color. If you saturate the color by 10%, you get **66.8296, 83.9722, 68.5057**, and if you desaturate by 10%, it is **87.4939, 93.9672, 99.1906**.

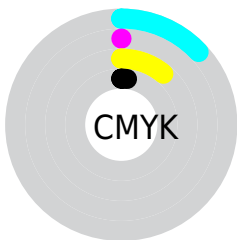
Distribution



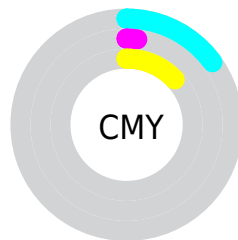
- Red (85%)
- Green (98%)
- Blue (87%)



- Red (85%)
- Yellow (96%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)




- Cyan (15%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4183, 88.6044, 82.8867 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 76.4183, 88.6044, 82.8867 by changing the saturation by 10% instead.


 76.4183, 88.6044,
82.8867

 76.4183, 88.6044,
82.8867

471.7008,
523.4805, 524.5700

 57.0738, 66.8237,
61.5566

127.2952,
145.3983, 139.2646

 41.3049, 48.9414,
44.2411


159.5584,
181.1804, 175.1495

 28.7461, 34.5730,
30.5215


196.8585,
222.3983, 216.7230

 19.0322, 23.3341,
19.9793

239.5610,
269.4365, 264.4038

 11.7977, 14.8404,
12.1961

288.0311,
322.6795, 318.6103

 6.6773, 8.7075,
6.7532

342.6342,

 3.3056, 4.5509,

382.5115, 379.7612

3.2321

403.7356,
449.3171, 448.2749

■ 1.3174, 1.9862,
1.2144

■ 0.1962, 0.5995,
0.0000

■ 76.4183, 88.6044,
82.8867

■ 76.4183, 88.6044,
82.8867

■ 66.8296, 83.9722,
68.5057

■ 87.4939, 93.9672,
99.1906

■ 58.6572, 80.0281,
55.9711

■ 93.4774, 96.8547,
108.3758

■ 51.8356, 76.7426,
45.2097

■ 46.2913, 74.0793,
36.1415

■ 41.9436, 71.9987,
28.6800

■ 38.7026, 70.4562,
22.7314

■ 36.4652, 69.4009,
18.1919

■ 35.1084, 68.7720,
14.9445

■ 34.5546, 68.5216,
13.3297

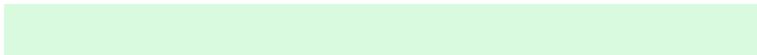
Harmonies

Analogous

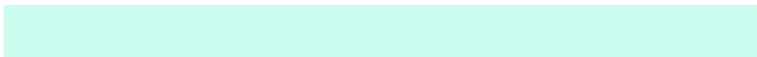
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8154, 88.6044, 74.4965



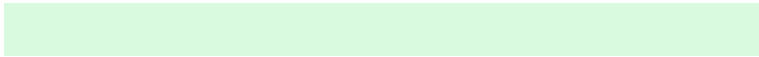
76.4183, 88.6044, 82.8867



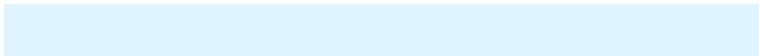
75.1000, 88.6044, 95.6386

Triad

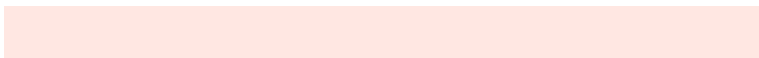
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4183, 88.6044, 82.8867



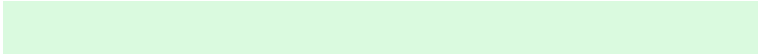
83.9232, 88.6044, 126.2038



92.8388, 88.6044, 84.2068

Complementary

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



76.4183, 88.6044, 82.8867



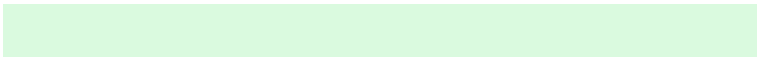
80.9803, 77.0614, 96.9965

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.



94.0410, 88.6044, 97.3165



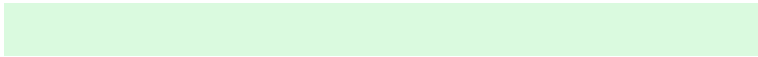
76.4183, 88.6044, 82.8867



88.7751, 88.6044, 122.4001

Square

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



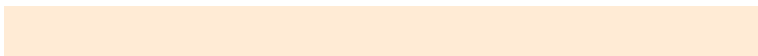
76.4183, 88.6044, 82.8867



79.3269, 88.6044, 121.4195



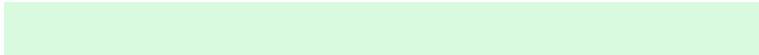
92.5265, 88.6044, 111.4730



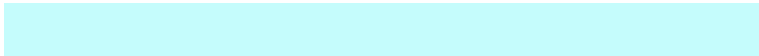
89.3016, 88.6044, 75.2049

Rectangle

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



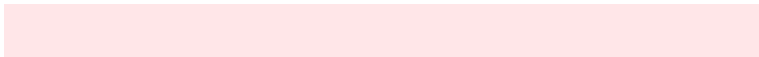
76.4183, 88.6044, 82.8867



75.5369, 88.6044, 105.2101



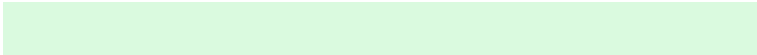
92.5265, 88.6044, 111.4730



93.5353, 88.6044, 88.2375

Sweetspot

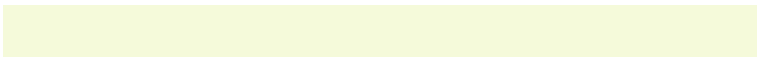
The Sweet Spot groups the original color and five complimentary colors.



76.4207, 88.6082, 82.8886



90.0415, 97.5745, 101.5940



84.5702, 92.8861, 79.8021



19.0772, 20.7904, 21.4592



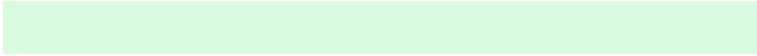
0.0000, 0.0000, 0.0000



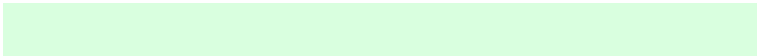
20.3446, 21.4041, 23.3091

Same Dimension

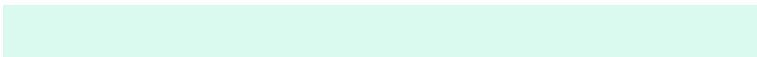
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4207, 88.6082, 82.8886



77.5834, 91.5464, 83.1999



78.6523, 89.5008, 94.6397



17.1279, 19.3534, 18.8743



18.3609, 36.3574, 7.2440



1.7318, 3.3798, 0.8357

Inverse Universe

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



80.9803, 77.0614, 96.9965



83.0910, 77.5979, 100.2404



78.6693, 76.1370, 84.8269



17.8697, 17.4752, 21.1694



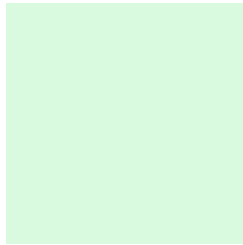
27.1887, 13.2912, 34.0319



2.5485, 1.2431, 3.3118

Previews

White Background



This preview shows how the XYZ color 76.4183, 88.6044, 82.8867 looks on a white background.

Color Contrast Check

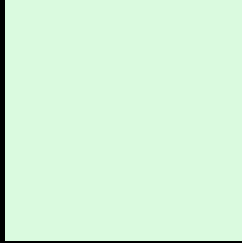
Large Text (above 18pt) WCAG AA × Fail

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 76.4183, 88.6044, 82.8867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

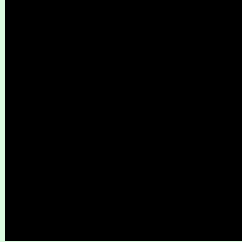
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

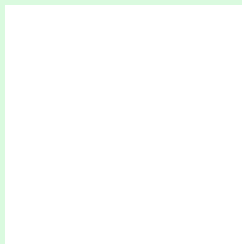
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4183, 88.6044, 82.8867

Background



This preview shows how black text looks on a background with the XYZ color 76.4183, 88.6044, 82.8867.



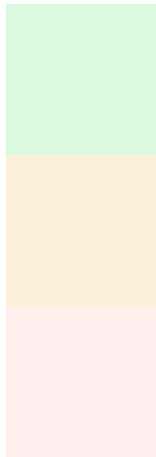
This preview shows how white text looks on a background with the XYZ color 76.4183, 88.6044,

82.8867.

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

76.4183, 88.6044, 82.8867

Protanopia

83.8938, 88.4818, 78.9867

Deuteranopia

86.8099, 88.4072, 91.0862



Tritanopia

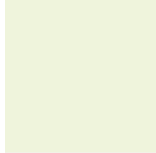
83.3793, 88.4770, 107.2909

Trichromacy



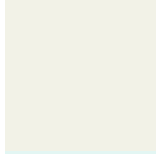
Original Color

76.4183, 88.6044, 82.8867



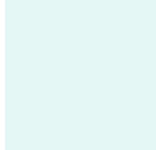
Protanomaly

80.8656, 88.2194, 80.4761



Deuteranomaly

82.7939, 88.1510, 88.2525



Tritanomaly

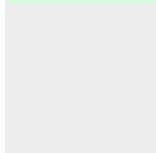
80.8120, 88.7135, 97.6582

Monochromacy



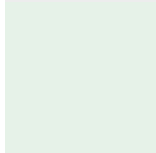
Original Color

76.4183, 88.6044, 82.8867



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.9507, 86.1535, 88.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4183, 88.6044, 82.8867 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(218, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(218, 250, 223)  
}
```

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(218, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 223) }
```

Border

The CSS property to change the border of an element to XYZ 76.4183, 88.6044, 82.8867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

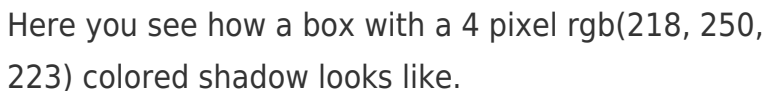
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 250, 223) }
```


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

```
.border{ border-color:rgb(218, 250, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 250, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 250, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 250, 223); box-shadow:4px 4px 4px 4px rgb(218, 250, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4183, 88.6044, 82.8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 223) }
```

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

```
.background{ background-color: rgb(218,  
250, 223) }
```

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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