

Converting Colors

XYZ(76.8996, 90.3572, 82.6954)

Have a look what the booklet for
XYZ(76.8996, 90.3572, 82.6954)
contains.

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Color

**XYZ(76.9254, 90.2762,
82.4779)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D9FDDE |
| RGB | 217, 253, 222 |
| RGB Percent | 85%, 99%, 87% |
| CMY | 0.1490, 0.0078, 0.1294 |
| CMYK | 0.14, 0.00, 0.12, 0.01 |
| HSL | 128°, 90%, 92% |
| HSV | 128°, 14%, 99% |
| XYZ | 76.9254, 90.2762, 82.4779 |
| YIQ | 238.7020, -11.5050, -17.2730 |

Conversions

Conversions Part 2

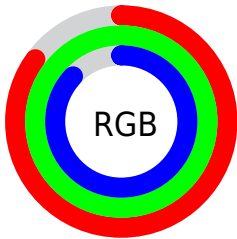
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 217, 249, 253 |
| Decimal | 14286302 |
| CIE _{Lab} | 96.11, -17.28, 10.98 |
| CIE _{LCh} | 96, 20.473, 147.567 |
| Yxy | 90.2762, 0.3081, 0.3616 |
| Android (android.graphics.Color) | 4292476382 (0xFFD9FDDE) |
| YUV | 238.7020, -8.2341, -19.0327 |
| Hunter-Lab | 95.0138, -21.7563, 15.0422 |

Details

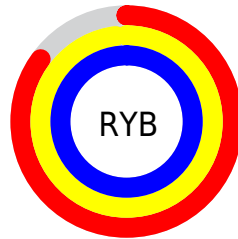
The XYZ color **76.9254, 90.2762, 82.4779** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.2674, 77.2879, 99.3933**, and the grayscale version is **81.8829, 86.1471, 93.8142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6153, 49.9513, 44.0074** is the 20% darker color. If you saturate the color by 10%, you get **67.2401, 85.6017, 67.7544**, and if you desaturate by 10%, it is **88.1459, 95.7036, 99.2467**.

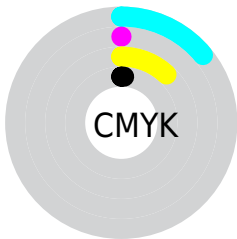
Distribution



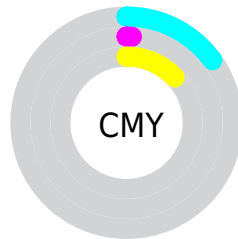
- Red (85%)
- Green (99%)
- Blue (87%)



- Red (85%)
- Yellow (98%)
- Blue (99%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9254, 90.2762, 82.4779 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 76.9254, 90.2762, 82.4779 by changing the saturation by 10% instead.

76.9254, 90.2762,
82.4779

76.9254, 90.2762,
82.4779

473.4055,
528.9289, 523.1702

57.4914, 68.2097,
61.2214

128.0076,
147.7220, 138.6867

41.6415, 50.0684,
43.9722

160.3864,
183.8701, 174.4760

29.0106, 35.4677,
30.3116

197.8109,
225.4809, 215.9468

19.2332, 24.0234,
19.8212

240.6464,
272.9388, 263.5175

11.9439, 15.3510,
12.0823

289.2582,
326.6281, 317.6066

6.7774, 9.0661,
6.6766

344.0118,

3.3684, 4.7843,

386.9333, 378.6327

3.1853

405.2724,
454.2388, 447.0144

■ 1.3514, 2.1213,
1.1900

■ 0.2212, 0.6765,
0.0000

■ 76.9254, 90.2762,
82.4779

■ 76.9254, 90.2762,
82.4779

■ 67.2401, 85.6017,
67.7544

■ 88.1459, 95.7036,
99.2467

■ 59.0160, 81.6360,
54.9922

■ 94.4170, 98.7340,
108.6890

■ 52.1838, 78.3476,
44.1104

■ 46.6658, 75.6985,
35.0199

■ 42.3766, 73.6466,
27.6247

■ 39.2206, 72.1448,
21.8195

■ 37.0877, 71.1389,
17.4875

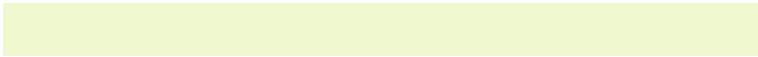
■ 35.8450, 70.5632,
14.4957

■ 35.4324, 70.3762,
13.3174

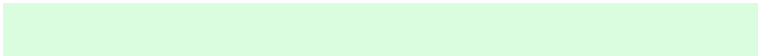
Harmonies

Analogous

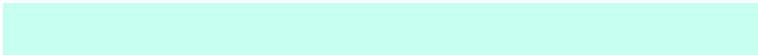
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8562, 90.2762, 73.1262



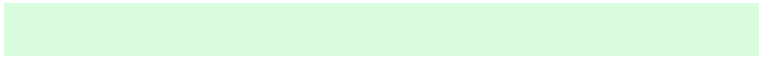
76.9254, 90.2762, 82.4779



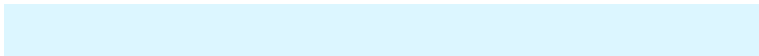
75.3636, 90.2762, 96.9752

Triad

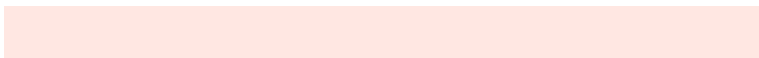
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9254, 90.2762, 82.4779



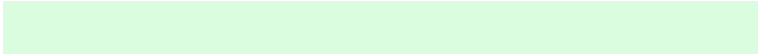
85.3426, 90.2762, 132.9192



95.8401, 90.2762, 84.5382

Complementary

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



76.9254, 90.2762, 82.4779



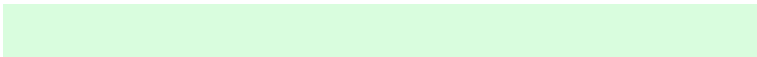
82.2674, 77.2879, 99.3933

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.



97.1685, 90.2762, 99.6276



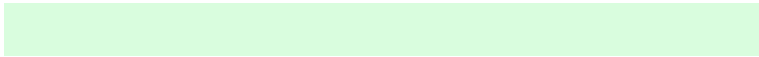
76.9254, 90.2762, 82.4779



90.9514, 90.2762, 128.6640

Square

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



76.9254, 90.2762, 82.4779



80.0877, 90.2762, 127.0836



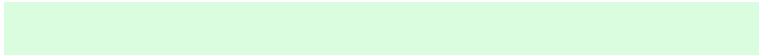
95.3425, 90.2762, 116.0161



91.7877, 90.2762, 74.2204

Rectangle

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



76.9254, 90.2762, 82.4779



75.8219, 90.2762, 108.0266



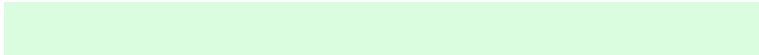
95.3425, 90.2762, 116.0161



96.6276, 90.2762, 89.1669

Sweetspot

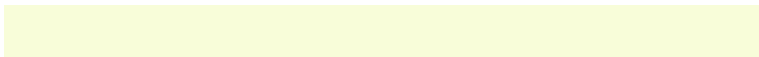
The Sweet Spot groups the original color and five complimentary colors.



76.9279, 90.2800, 82.4799



90.0143, 97.5637, 101.4506



86.4357, 95.2578, 79.4777



19.0703, 20.7876, 21.4230



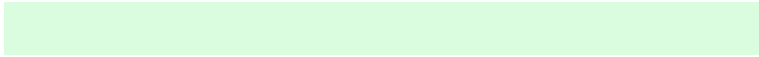
0.0000, 0.0000, 0.0000



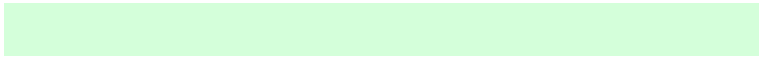
20.3446, 21.4041, 23.3091

Same Dimension

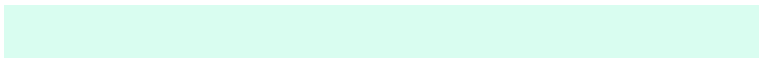
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9279, 90.2800, 82.4799



75.4224, 90.5098, 79.5988



79.4419, 91.2856, 95.7184



17.8743, 20.2092, 19.6410



18.8782, 37.4479, 7.2437



1.8678, 3.6581, 0.8619

Inverse Universe

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



82.2674, 77.2879, 99.3933



81.7918, 75.0104, 99.7733



79.6348, 76.2348, 85.5301



18.6778, 18.2544, 22.1862



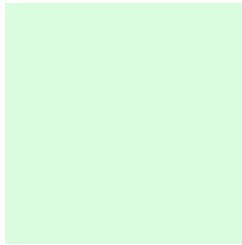
28.3120, 13.8141, 36.6232



2.7852, 1.3565, 3.7164

Previews

White Background



This preview shows how the XYZ color 76.9254, 90.2762, 82.4779 looks on a white background.

Color Contrast Check

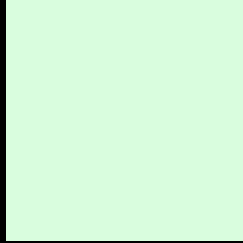
Large Text (above 18pt) WCAG AA × Fail

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 76.9254, 90.2762, 82.4779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

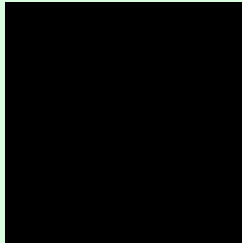
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

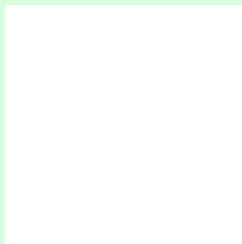
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9254, 90.2762, 82.4779

Background



This preview shows how black text looks on a background with the XYZ color 76.9254, 90.2762, 82.4779.



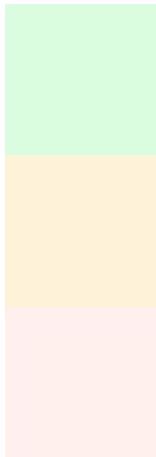
This preview shows how white text looks on a background with the XYZ color 76.9254, 90.2762,

82.4779.

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

76.9254, 90.2762, 82.4779

Protanopia

85.4480, 90.1818, 78.5489

Deuteranopia

87.6862, 89.6946, 92.8120



Tritanopia

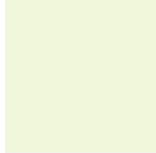
84.6341, 90.0172, 107.5221

Trichromacy



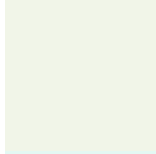
Original Color

76.9254, 90.2762, 82.4779



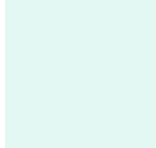
Protanomaly

82.3226, 90.3368, 80.1157



Deuteranomaly

83.4935, 89.8318, 89.2826



Tritanomaly

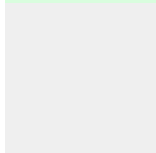
81.7400, 90.0998, 97.8769

Monochromacy



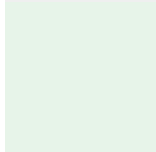
Original Color

76.9254, 90.2762, 82.4779



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.0137, 87.5735, 89.7770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9254, 90.2762, 82.4779 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(217, 253, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 253, 222)  
}
```

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(217, 253, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 253, 222) }
```

Border

The CSS property to change the border of an element to XYZ 76.9254, 90.2762, 82.4779 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(217, 253, 222) }
```


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

```
.border{ border-color:rgb(217, 253, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 253, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 253, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 253, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 253,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9254, 90.2762, 82.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 253, 222) }
```

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

```
.background{ background-color: rgb(217,  
253, 222) }
```

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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