

Converting Colors

XYZ(79.3620, 92.4769, 82.6689)

Have a look what the booklet for
XYZ(79.3620, 92.4769, 82.6689)
contains.

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Color

**XYZ(79.3762, 92.4819,
82.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFDE
RGB	223, 255, 222
RGB Percent	87%, 100%, 87%
CMY	0.1255, 0.0000, 0.1294
CMYK	0.13, 0.00, 0.13, 0.00
HSL	118°, 100%, 94%
HSV	118°, 13%, 100%
XYZ	79.3762, 92.4819, 82.7745
YIQ	241.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

Format	Color
R _{YB}	222, 255, 254
Decimal	14680030
CIE Lab	97.02, -16.29, 12.32
CIE LCh	97, 20.424, 142.887
Yxy	92.4819, 0.3117, 0.3632
Android (android.graphics.Color)	4292870110 (0xFFDFFFDE)
YUV	241.6700, -9.6973, -16.3736
Hunter-Lab	96.1675, -20.9601, 16.2844

Details

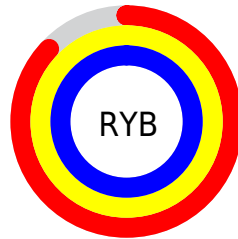
The XYZ color **79.3762, 92.4819, 82.7745** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85.0452, 80.5346, 105.6701**, and the grayscale version is **84.2157, 88.6015, 96.4870**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3176, 51.5030, 44.2172** is the 20% darker color. If you saturate the color by 10%, you get **69.1419, 87.5714, 65.7835**, and if you desaturate by 10%, it is **91.2415, 98.1734, 102.5429**.

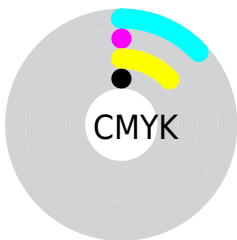
Distribution



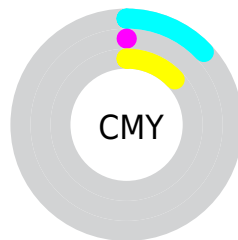
- Red (87%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (100%)



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





- Cyan (13%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3762, 92.4819, 82.7745 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 79.3762, 92.4819, 82.7745 by changing the saturation by 10% instead.

 79.3762, 92.4819,
82.7745

 79.3762, 92.4819,
82.7745


481.5967,
536.0717, 524.1860

 59.5119, 70.0410,
61.4646


131.4435,
150.7811, 139.1060

 43.2733, 51.5599,
44.1672

164.3771,
187.4082, 174.9647

 30.2950, 36.6544,
30.4639


202.3979,
229.5327, 216.5100

 20.2118, 24.9400,
19.9359

245.8713,
277.5392, 264.1606

 12.6583, 16.0324,
12.1648

295.1624,
331.8119, 318.3350

 7.2690, 9.5471,
6.7321

350.6368,

 3.6787, 5.0997,

392.7353, 379.4516

3.2193

412.6598,
460.6938, 447.9291

■ 1.5220, 2.3059,
1.2077

■ 0.3408, 0.7768,
0.0000

■ 79.3762, 92.4819,
82.7745

■ 79.3762, 92.4819,
82.7745

■ 69.1419, 87.5714,
65.7835

■ 91.2415, 98.1734,
102.5429

■ 60.4654, 83.4069,
51.4414

95.0500, 100.0000,
108.9000

■ 53.2708, 79.9523,
39.6162

■ 47.4755, 77.1679,
30.1626

■ 42.9882, 75.0103,
22.9209

■ 39.7074, 73.4308,
17.7113

■ 37.5161, 72.3739,
14.3263

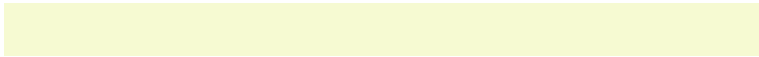
■ 36.2745, 71.7726,
12.5140

■ 35.8567, 71.5698,
11.9245

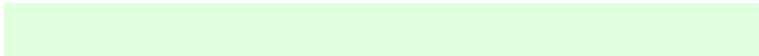
Harmonies

Analogous

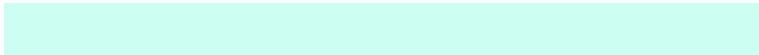
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6712, 92.4819, 74.2525



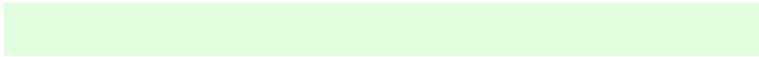
79.3762, 92.4819, 82.7745



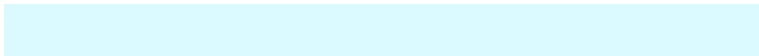
77.3805, 92.4819, 96.8270

Triad

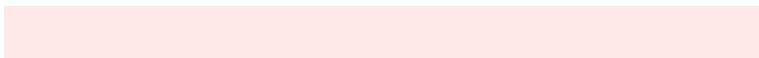
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3762, 92.4819, 82.7745



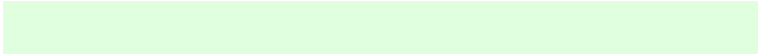
86.5393, 92.4819, 135.4981



98.4853, 92.4819, 88.8778

Complementary

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



79.3762, 92.4819, 82.7745



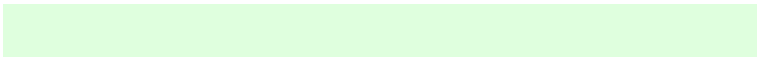
85.0452, 80.5346, 105.6701

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.



99.3349, 92.4819, 104.6690



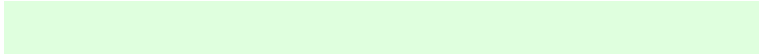
79.3762, 92.4819, 82.7745



92.2716, 92.4819, 132.7753

Square

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



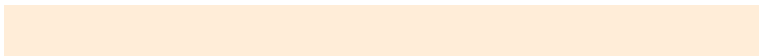
79.3762, 92.4819, 82.7745



81.3976, 92.4819, 128.1163



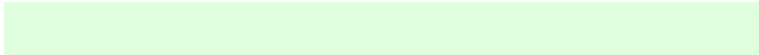
97.0159, 92.4819, 121.0362



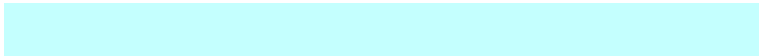
94.7425, 92.4819, 77.4988

Rectangle

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



79.3762, 92.4819, 82.7745



77.5582, 92.4819, 107.9253



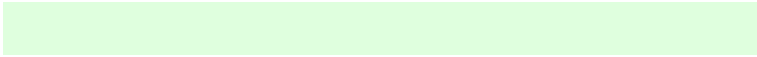
97.0159, 92.4819, 121.0362



99.1252, 92.4819, 93.7990

Sweetspot

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



79.3769, 92.4822, 82.7759



89.9051, 97.5324, 100.3133



89.8352, 97.3542, 83.1651



19.0428, 20.7797, 21.1366



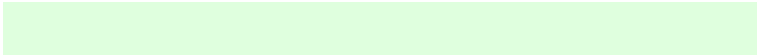
0.0000, 0.0000, 0.0000



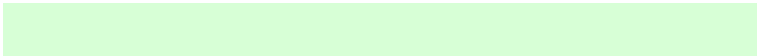
20.3446, 21.4041, 23.3091

Same Dimension

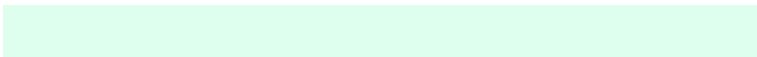
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3769, 92.4822, 82.7759



76.0755, 90.8984, 77.2879



81.2296, 93.1878, 94.1341



17.8224, 20.1943, 19.1029



18.7579, 37.4081, 6.2318



1.8435, 3.6511, 0.6076

Inverse Universe

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



85.0452, 80.5346, 105.6701



82.9341, 76.4409, 104.9912



83.0308, 79.7712, 93.1488



18.7351, 18.2707, 22.7891



29.5500, 14.1441, 50.6072



2.8936, 1.3856, 4.9282

Previews

White Background



This preview shows how the XYZ color 79.3762, 92.4819, 82.7745 looks on a white background.

Color Contrast Check

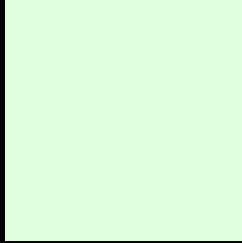
Large Text (above 18pt) WCAG AA × Fail

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 79.3762, 92.4819, 82.7745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

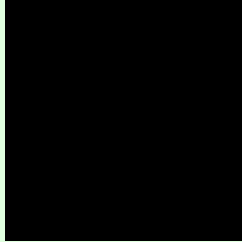
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

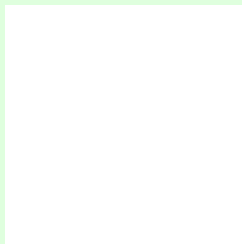
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3762, 92.4819, 82.7745

Background



This preview shows how black text looks on a background with the XYZ color 79.3762, 92.4819, 82.7745.



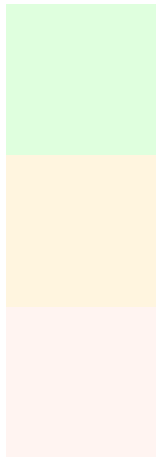
This preview shows how white text looks on a background with the XYZ color 79.3762, 92.4819,

82.7745.

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

79.3762, 92.4819, 82.7745

Protanopia

87.2117, 91.8925, 82.9525

Deuteranopia

89.4679, 92.3122, 96.3217

Tritanopia

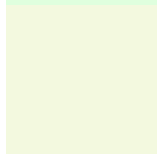
87.2459, 92.2668, 107.8187

Trichromacy



Original Color

79.3762, 92.4819, 82.7745



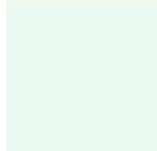
Protanomaly

84.1571, 92.1338, 83.1601



Deuteranomaly

85.3808, 92.1300, 91.1247



Tritanomaly

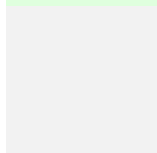
84.2950, 92.3347, 98.1736

Monochromacy



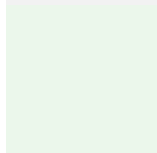
Original Color

79.3762, 92.4819, 82.7745



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5171, 90.1819, 91.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3762, 92.4819, 82.7745 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(223, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 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(223, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 79.3762, 92.4819, 82.7745 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(223, 255, 222) }
```


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

```
.border{ border-color:rgb(223, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3762, 92.4819, 82.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 222) }
```

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

```
.background{ background-color: rgb(223,  
255, 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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