

Converting Colors

XYZ(78.7477, 92.1423, 83.4505)

Have a look what the booklet for
XYZ(78.7477, 92.1423, 83.4505)
contains.

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Color

**XYZ(78.8981, 92.2199,
83.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFDF
RGB	221, 255, 223
RGB Percent	87%, 100%, 87%
CMY	0.1333, 0.0000, 0.1255
CMYK	0.13, 0.00, 0.13, 0.00
HSL	124°, 100%, 93%
HSV	124°, 13%, 100%
XYZ	78.8981, 92.2199, 83.4539
YIQ	241.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

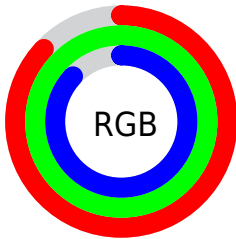
Format	Color
R _Y B	221, 253, 255
Decimal	14548959
CIE Lab	96.91, -16.77, 11.64
CIE LCh	97, 20.418, 145.239
Yxy	92.2199, 0.3099, 0.3623
Android (android.graphics.Color)	4292739039 (0xFFDDFFDF)
YUV	241.1860, -8.9657, -17.7031
Hunter-Lab	96.0312, -21.4011, 15.6971

Details

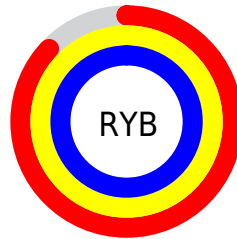
The XYZ color **78.8981, 92.2199, 83.4539** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84.8264, 80.0655, 103.9115**, and the grayscale version is **83.8291, 88.1948, 96.0441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9879, 51.3223, 44.6863** is the 20% darker color. If you saturate the color by 10%, you get **68.7046, 87.3127, 67.2662**, and if you desaturate by 10%, it is **90.7309, 97.9191, 102.1152**.

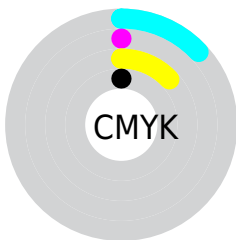
Distribution



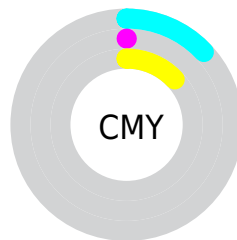
- Red (87%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- 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 78.8981, 92.2199, 83.4539 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 78.8981, 92.2199, 83.4539 by changing the saturation by 10% instead.

 78.8981, 92.2199,
83.4539

 78.8981, 92.2199,
83.4539


480.0048,
535.2259, 526.5086

 59.1174, 69.8233,
62.0219


130.7741,
150.4181, 140.0659

 42.9543, 51.3825,
44.6145


163.6000,
186.9885, 176.0830

 30.0437, 36.5131,
30.8131


201.5051,
229.0523, 217.7989

 20.0200, 24.8307,
20.1993

244.8547,
276.9939, 265.6320

 12.5179, 15.9510,
12.3545

294.0141,
331.1977, 320.0010

 7.1721, 9.4895,
6.8601

349.3487,

 3.6173, 5.0618,

392.0480, 381.3244

3.2977

411.2238,
459.9293, 450.0208

■ 1.4880, 2.2836,
1.2486

■ 0.3176, 0.7650,
0.0191

■ 78.8981, 92.2199,
83.4539

■ 78.8981, 92.2199,
83.4539

■ 68.7046, 87.3127,
67.2662

■ 90.7309, 97.9191,
102.1152

■ 60.0760, 83.1615,
53.4443

95.0500, 100.0000,
108.9000

■ 52.9356, 79.7290,
41.8788

■ 47.1990, 76.9744,
32.4499

■ 42.7735, 74.8528,
25.0267

■ 39.5555, 73.3136,
19.4642

■ 37.4252, 72.2988,
15.5976

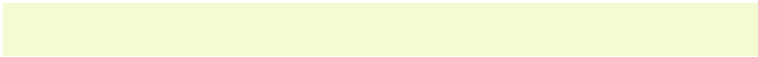
■ 36.2386, 71.7381,
13.2336

■ 35.8463, 71.5545,
12.3742

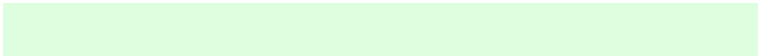
Harmonies

Analogous

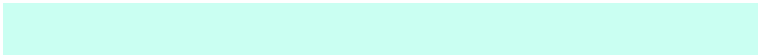
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0321, 92.2199, 74.4592



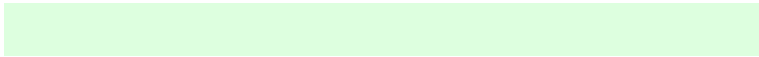
78.8981, 92.2199, 83.4539



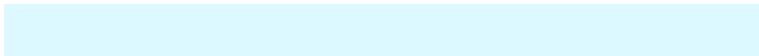
77.1118, 92.2199, 97.8121

Triad

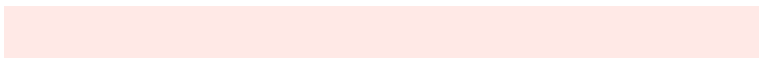
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8981, 92.2199, 83.4539



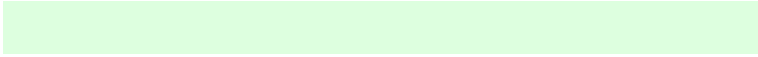
86.7397, 92.2199, 135.3022



98.0143, 92.2199, 87.5339

Complementary

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



78.8981, 92.2199, 83.4539



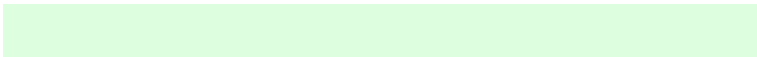
84.8264, 80.0655, 103.9115

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.



99.1119, 92.2199, 103.0572



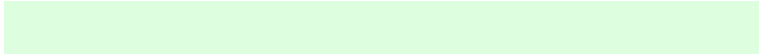
78.8981, 92.2199, 83.4539



92.4407, 92.2199, 131.7867

Square

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



78.8981, 92.2199, 83.4539



81.5117, 92.2199, 128.6680



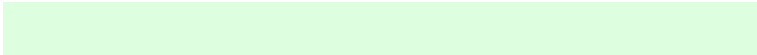
97.0311, 92.2199, 119.5241



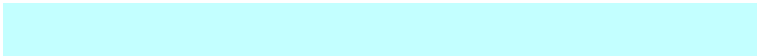
94.0937, 92.2199, 76.6285

Rectangle

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



78.8981, 92.2199, 83.4539



77.4334, 92.2199, 108.9470



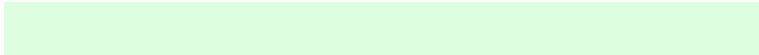
97.0311, 92.2199, 119.5241



98.7327, 92.2199, 92.3345

Sweetspot

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



78.8988, 92.2202, 83.4553



89.8891, 97.5136, 100.7912



89.4287, 97.6796, 82.5483



19.0387, 20.7750, 21.2569



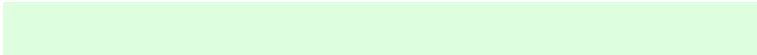
0.0000, 0.0000, 0.0000



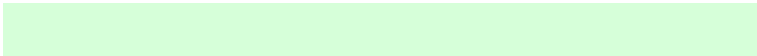
20.3446, 21.4041, 23.3091

Same Dimension

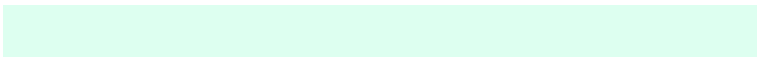
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8988, 92.2202, 83.4553



76.0225, 90.8353, 78.8998



81.2630, 93.1659, 95.9049



17.8149, 20.1855, 19.3282



18.7473, 37.3955, 6.5543



1.8399, 3.6469, 0.7147

Inverse Universe

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



84.8264, 80.0655, 103.9115



83.0031, 76.5208, 102.9894



82.2809, 79.0473, 90.5072



18.7438, 18.2808, 22.5339



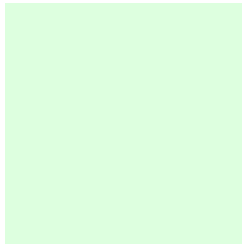
29.7867, 14.4040, 44.3886



2.9137, 1.4079, 4.3930

Previews

White Background



This preview shows how the XYZ color 78.8981, 92.2199, 83.4539 looks on a white background.

Color Contrast Check

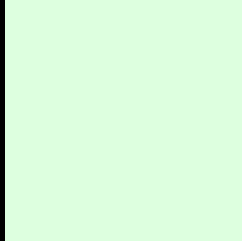
Large Text (above 18pt) WCAG AA × Fail

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 78.8981, 92.2199, 83.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

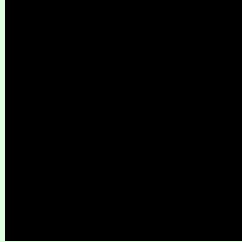
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

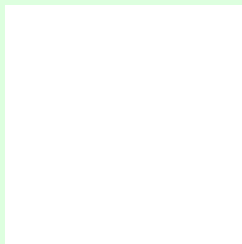
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8981, 92.2199, 83.4539

Background



This preview shows how black text looks on a background with the XYZ color 78.8981, 92.2199, 83.4539.



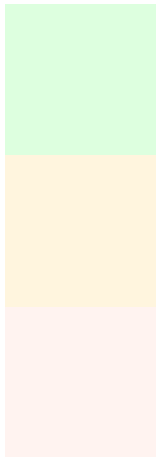
This preview shows how white text looks on a background with the XYZ color 78.8981, 92.2199,

83.4539.

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

78.8981, 92.2199, 83.4539

Protanopia

87.0772, 91.8387, 82.2444

Deuteranopia

89.0188, 91.6525, 95.4370

Tritanopia

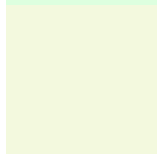
86.9074, 92.0923, 107.8028

Trichromacy



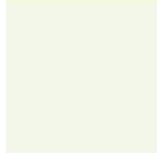
Original Color

78.8981, 92.2199, 83.4539



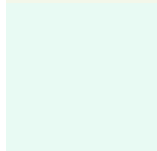
Protanomaly

84.0226, 92.0800, 82.4520



Deuteranomaly

85.0742, 91.5167, 91.0225



Tritanomaly

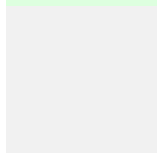
83.6420, 91.9981, 98.1430

Monochromacy



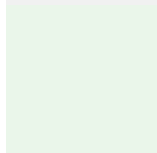
Original Color

78.8981, 92.2199, 83.4539



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7387, 89.3445, 90.7790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8981, 92.2199, 83.4539 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(221, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 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(221, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 78.8981, 92.2199, 83.4539 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(221, 255, 223) }
```


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

```
.border{ border-color:rgb(221, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8981, 92.2199, 83.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 223) }
```

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

```
.background{ background-color: rgb(221,  
255, 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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