

Converting Colors

XYZ(73.7719, 88.0636, 77.3388)

Have a look what the booklet for
XYZ(73.7719, 88.0636, 77.3388)
contains.

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Color

**XYZ(73.9401, 88.3760,
77.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FCD7
RGB	211, 252, 215
RGB Percent	83%, 99%, 84%
CMY	0.1725, 0.0117, 0.1569
CMYK	0.16, 0.00, 0.15, 0.01
HSL	126°, 87%, 91%
HSV	126°, 16%, 99%
XYZ	73.9401, 88.3760, 77.4512
YIQ	235.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

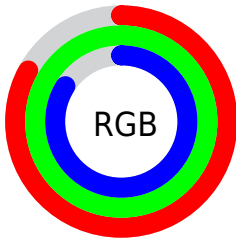
Format	Color
R _Y B	211, 248, 252
Decimal	13892823
CIE Lab	95.32, -19.97, 13.40
CIE LCh	95, 24.049, 146.149
Yxy	88.3760, 0.3084, 0.3686
Android (android.graphics.Color)	4292082903 (0xFFD3FCD7)
YUV	235.5230, -10.1178, -21.5067
Hunter-Lab	94.0085, -24.1201, 16.9584

Details

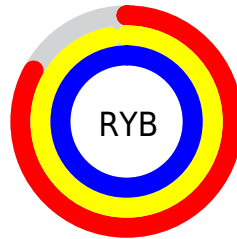
The XYZ color **73.9401, 88.3760, 77.4512** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.3855, 74.0633, 98.8698**, and the grayscale version is **79.4479, 83.5854, 91.0245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5706, 48.6362, 40.5598** is the 20% darker color. If you saturate the color by 10%, you get **64.5568, 83.8558, 62.8037**, and if you desaturate by 10%, it is **84.8663, 93.6497, 94.2950**.

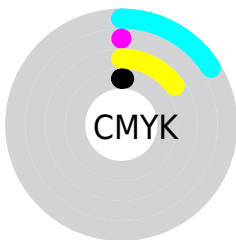
Distribution



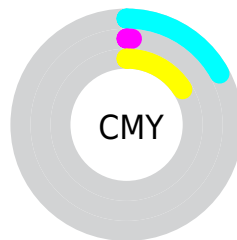
- Red (83%)
- Green (99%)
- Blue (84%)



- Red (83%)
- Yellow (97%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9401, 88.3760, 77.4512 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 73.9401, 88.3760, 77.4512 by changing the saturation by 10% instead.


 73.9401, 88.3760,
77.4512

 73.9401, 88.3760,
77.4512


463.3201,
522.7338, 505.7795

 55.0361, 66.6345,
57.1095


123.8068,
145.0805, 131.5550

 39.6646, 48.7877,
40.6832

155.5003,
180.8123, 166.1542

 27.4602, 34.4511,
27.7538


192.1877,
221.9764, 206.3430

 18.0575, 23.2403,
17.9027

234.2343,
268.9570, 252.5399

 11.0912, 14.7711,
10.7115

282.0055,
322.1387, 305.1635

 6.1960, 8.6589,
5.7614

335.8666,

 3.0064, 4.5194,

381.9058, 364.6322

2.6341

396.1830,
448.6427, 431.3647

■ 1.1571, 1.9681,
0.9100

■ 0.0721, 0.5889,
0.0000

■ 73.9401, 88.3760,
77.4512

■ 73.9401, 88.3760,
77.4512

■ 64.5568, 83.8558,
62.8037

■ 84.8663, 93.6497,
94.2950

■ 56.6399, 80.0440,
50.2566

■ 94.1021, 98.1043,
108.5840

■ 50.1172, 76.9080,
39.7152

■ 44.9076, 74.4082,
31.0756

■ 40.9217, 72.5008,
24.2246

■ 38.0584, 71.1366,
19.0366

■ 36.2008, 70.2582,
15.3702

■ 35.2052, 69.7951,
13.0601

■ 34.9832, 69.6927,
12.5048

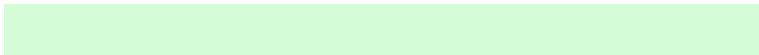
Harmonies

Analogous

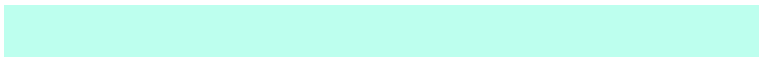
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5546, 88.3760, 67.2720



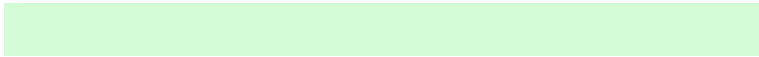
73.9401, 88.3760, 77.4512



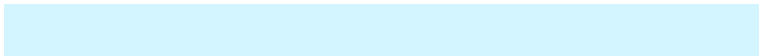
72.0168, 88.3760, 93.8175

Triad

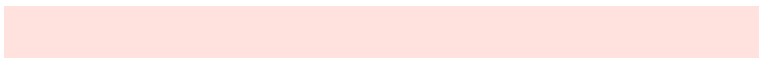
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9401, 88.3760, 77.4512



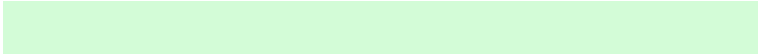
83.1534, 88.3760, 137.0164



95.8539, 88.3760, 81.1493

Complementary

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



73.9401, 88.3760, 77.4512



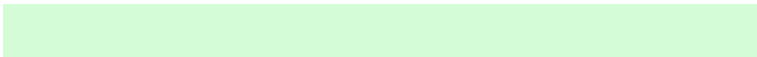
80.3855, 74.0633, 98.8698

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.



97.2410, 88.3760, 98.6762



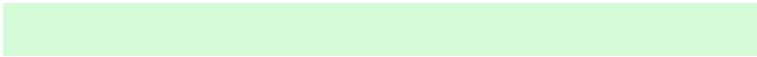
73.9401, 88.3760, 77.4512



89.6888, 88.3760, 132.4849

Square

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



73.9401, 88.3760, 77.4512



77.1579, 88.3760, 129.5011



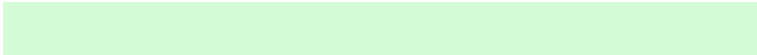
94.9306, 88.3760, 117.8143



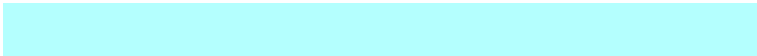
91.2324, 88.3760, 69.2038

Rectangle

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



73.9401, 88.3760, 77.4512



72.4417, 88.3760, 106.6419



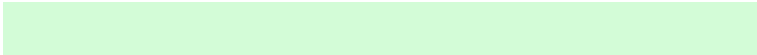
94.9306, 88.3760, 117.8143



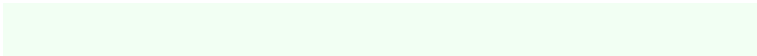
96.7239, 88.3760, 86.5123

Sweetspot

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



73.9425, 88.3798, 77.4531



88.7162, 96.9425, 99.2216



85.4906, 94.3917, 75.3425



18.8055, 20.6612, 20.9565



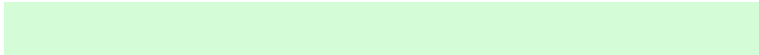
0.0000, 0.0000, 0.0000



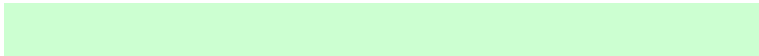
20.3446, 21.4041, 23.3091

Same Dimension

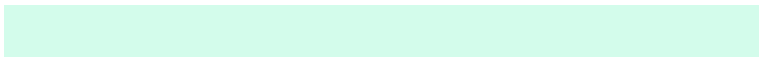
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9425, 88.3798, 77.4531



72.1675, 88.9596, 73.6732



76.6604, 89.4669, 91.7654



17.0862, 19.3367, 18.6543



18.2457, 36.3113, 6.6372



1.7122, 3.3720, 0.7321

Inverse Universe

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



80.3855, 74.0633, 98.8698



80.0920, 71.3494, 100.0128



77.4571, 72.8919, 83.4488



17.9157, 17.4937, 21.4120



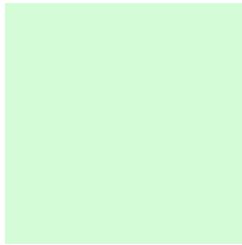
28.1950, 13.6937, 39.3309



2.6319, 1.2765, 3.7509

Previews

White Background



This preview shows how the XYZ color 73.9401, 88.3760, 77.4512 looks on a white background.

Color Contrast Check

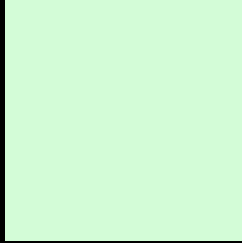
Large Text (above 18pt) WCAG AA × Fail

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 73.9401, 88.3760, 77.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

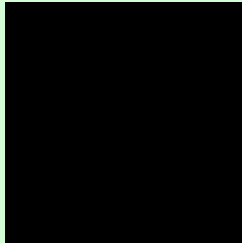
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

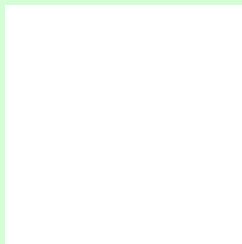
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9401, 88.3760, 77.4512

Background



This preview shows how black text looks on a background with the XYZ color 73.9401, 88.3760, 77.4512.



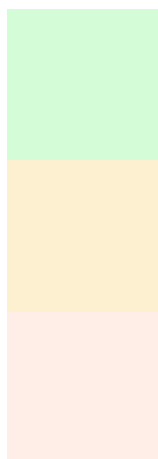
This preview shows how white text looks on a background with the XYZ color 73.9401, 88.3760,

77.4512.

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

73.9401, 88.3760, 77.4512

Protanopia

83.1767, 87.8063, 72.8860

Deuteranopia

86.0897, 87.6546, 88.7255



Tritanopia

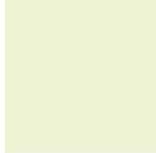
82.4137, 87.9792, 107.2458

Trichromacy



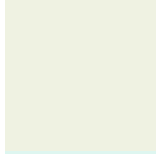
Original Color

73.9401, 88.3760, 77.4512



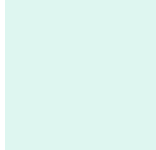
Protanomaly

79.3685, 87.5817, 74.3498



Deuteranomaly

81.0762, 87.3460, 84.5378



Tritanomaly

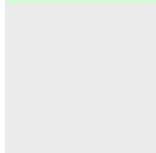
78.8081, 87.7324, 95.2185

Monochromacy



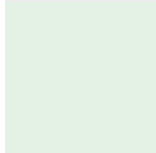
Original Color

73.9401, 88.3760, 77.4512



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4343, 85.4366, 85.8085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9401, 88.3760, 77.4512 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(211, 252, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 252, 215)  
}
```

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(211, 252, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 252, 215) }
```

Border

The CSS property to change the border of an element to XYZ 73.9401, 88.3760, 77.4512 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(211, 252, 215) }
```


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

```
.border{ border-color:rgb(211, 252, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 252, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 252, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 252, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 252,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9401, 88.3760, 77.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 252, 215) }
```

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

```
.background{ background-color: rgb(211,  
252, 215) }
```

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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