

Converting Colors

XYZ(78.6448, 100.0000,
78.5841)

Have a look what the booklet for
XYZ(78.6448, 100.0000, 78.5841)
contains.

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Color

**XYZ(73.3512, 89.4969,
77.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFD6
RGB	206, 255, 214
RGB Percent	81%, 100%, 84%
CMY	0.1922, 0.0000, 0.1608
CMYK	0.19, 0.00, 0.16, 0.00
HSL	130°, 100%, 90%
HSV	130°, 19%, 100%
XYZ	73.3512, 89.4969, 77.0269
YIQ	235.6750, -16.0430, -23.1390

Conversions

Conversions Part 2

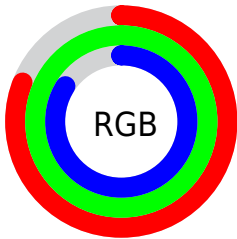
Format	Color
RYB	206, 248, 255
Decimal	13565910
CIELab	95.79, -23.22, 14.53
CIElCh	96, 27.389, 147.959
Yxy	89.4969, 0.3058, 0.3731
Android (android.graphics.Color)	4291755990 (0xFFCEFFD6)
YUV	235.6750, -10.6858, -26.0250
Hunter-Lab	94.6028, -27.1532, 17.9472

Details

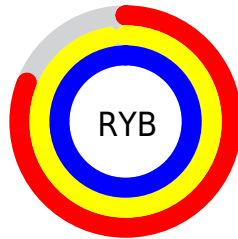
The XYZ color **73.3512, 89.4969, 77.0269** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1001, 72.1187, 97.6938**, and the grayscale version is **79.5677, 83.7114, 91.1618**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2146, 49.4707, 40.2829** is the 20% darker color. If you saturate the color by 10%, you get **64.2877, 85.1189, 63.2980**, and if you desaturate by 10%, it is **83.9214, 94.6102, 92.6923**.

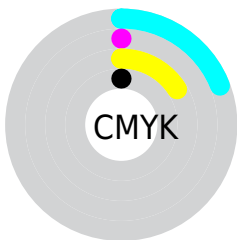
Distribution



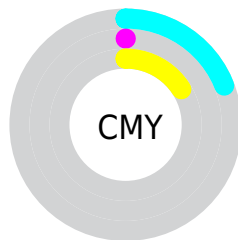
- Red (81%)
- Green (100%)
- Blue (84%)



- Red (81%)
- Yellow (97%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3512, 89.4969, 77.0269 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 73.3512, 89.4969, 77.0269 by changing the saturation by 10% instead.


 73.3512, 89.4969,
77.0269

 73.3512, 89.4969,
77.0269


461.3161,
526.3929, 504.2958

 54.5526, 67.5635,
56.7633


122.9761,
146.6394, 130.9508

 39.2760, 49.5427,
40.4071

154.5331,
182.6172, 165.4482

 27.1562, 35.0501,
27.5399


191.0736,
224.0452, 205.5272

 17.8278, 23.7015,
17.7431

232.9630,
271.3079, 251.6064

 10.9254, 15.1123,
10.5982

280.5665,
324.7896, 304.1043

 6.0836, 8.8983,
5.6866

334.2497,

 2.9371, 4.6749,

384.8748, 363.4395

2.5898

394.3777,
451.9477, 430.0305

■ 1.1206, 2.0578,
0.8872

■ 0.0422, 0.6407,
0.0000

■ 73.3512, 89.4969,
77.0269

■ 73.3512, 89.4969,
77.0269

■ 64.2877, 85.1189,
63.2980

■ 83.9214, 94.6102,
92.6923

■ 56.6600, 81.4416,
51.4264

95.0500, 100.0000,
108.9000

■ 50.3941, 78.4283,
41.3333

■ 45.4087, 76.0390,
32.9331

■ 41.6139, 74.2293,
26.1328

■ 38.9073, 72.9486,
20.8306

■ 37.1693, 72.1375,
16.9126

■ 36.2268, 71.7096,
14.2476

■ 36.1714, 71.6846,
14.0866

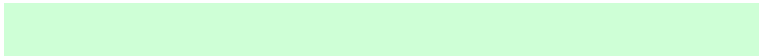
Harmonies

Analogous

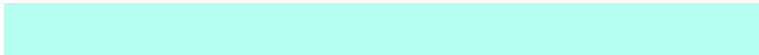
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4431, 89.4969, 65.1658



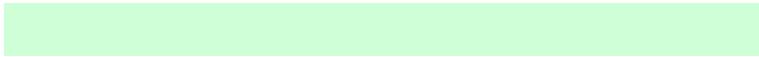
73.3512, 89.4969, 77.0269



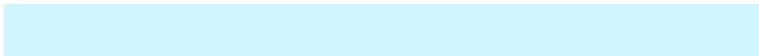
71.3756, 89.4969, 95.9745

Triad

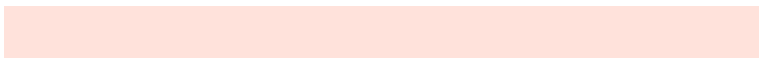
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3512, 89.4969, 77.0269



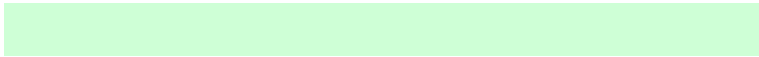
84.5484, 89.4969, 145.1384



98.5308, 89.4969, 79.2391

Complementary

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



73.3512, 89.4969, 77.0269



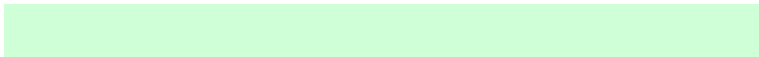
80.1001, 72.1187, 97.6938

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.



100.3995, 89.4969, 98.9343



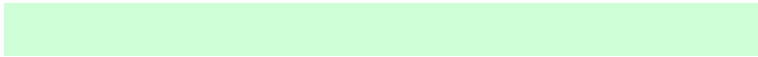
73.3512, 89.4969, 77.0269



92.0476, 89.4969, 138.9397

Square

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



73.3512, 89.4969, 77.0269



77.5982, 89.4969, 137.0734



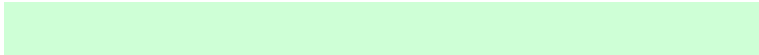
97.9619, 89.4969, 121.1901



92.9942, 89.4969, 66.3040

Rectangle

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



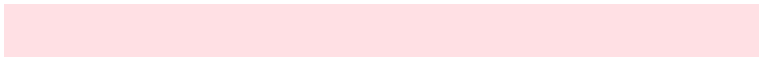
73.3512, 89.4969, 77.0269



71.9980, 89.4969, 110.8252



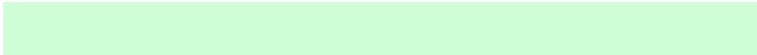
97.9619, 89.4969, 121.1901



99.6226, 89.4969, 85.1911

Sweetspot

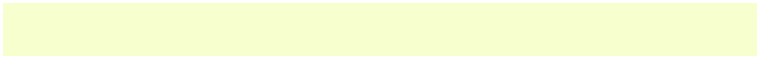
The Sweet Spot groups the original color and five complimentary colors.



73.3519, 89.4972, 77.0283



87.6502, 96.4155, 98.1510



85.4883, 95.8689, 72.3923



18.5958, 20.5570, 20.7674



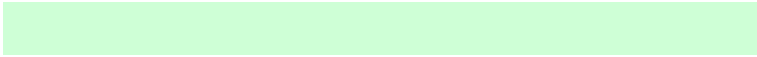
0.0000, 0.0000, 0.0000



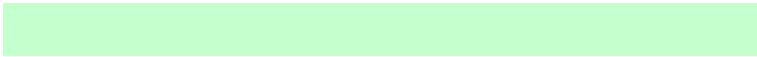
20.3446, 21.4041, 23.3091

Same Dimension

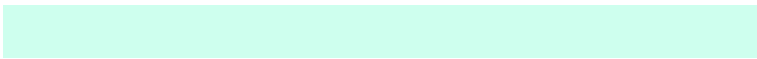
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3519, 89.4972, 77.0283



69.7477, 87.7554, 71.6081



76.6247, 90.8063, 94.2626



17.8925, 20.2165, 19.7370



18.9357, 37.4709, 7.5467



1.8764, 3.6615, 0.9068

Inverse Universe

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



80.1001, 72.1187, 97.6938



77.6052, 67.5164, 95.6674



76.6513, 70.7392, 79.5329



18.6578, 18.2464, 22.0809



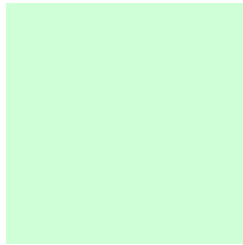
27.8959, 13.6477, 34.4320



2.7486, 1.3418, 3.5235

Previews

White Background



This preview shows how the XYZ color 73.3512, 89.4969, 77.0269 looks on a white background.

Color Contrast Check

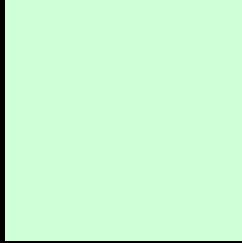
Large Text (above 18pt) WCAG AA × Fail

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 73.3512, 89.4969, 77.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

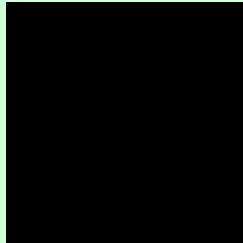
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

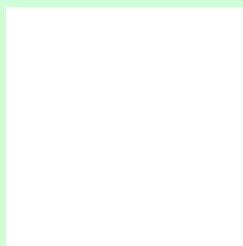
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3512, 89.4969, 77.0269

Background



This preview shows how black text looks on a background with the XYZ color 73.3512, 89.4969, 77.0269.



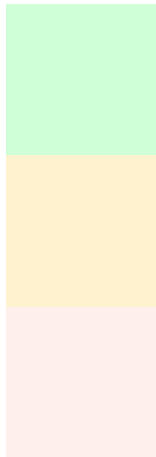
This preview shows how white text looks on a background with the XYZ color 73.3512, 89.4969,

77.0269.

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

73.3512, 89.4969, 77.0269

Protanopia

84.2546, 89.2693, 71.8215

Deuteranopia

86.9578, 88.9335, 90.4246



Tritanopia

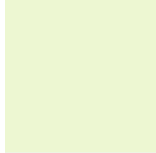
83.0155, 89.1828, 107.4464

Trichromacy



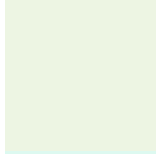
Original Color

73.3512, 89.4969, 77.0269



Protanomaly

79.8187, 89.1792, 73.9792



Deuteranomaly

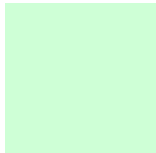
81.4426, 88.8554, 85.5314



Tritanomaly

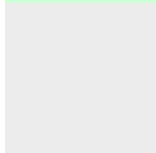
79.4227, 89.4148, 95.5108

Monochromacy



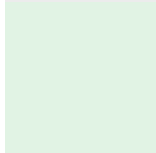
Original Color

73.3512, 89.4969, 77.0269



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1055, 85.7102, 85.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3512, 89.4969, 77.0269 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(206, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 214)  
}
```

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(206, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 73.3512, 89.4969, 77.0269 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(206, 255, 214) }
```


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

```
.border{ border-color:rgb(206, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3512, 89.4969, 77.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 214) }
```

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

```
.background{ background-color: rgb(206,  
255, 214) }
```

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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