

Converting Colors

XYZ(74.0665, 89.9206, 74.5775)

Have a look what the booklet for
XYZ(74.0665, 89.9206, 74.5775)
contains.

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Color

**XYZ(73.9712, 89.8748,
74.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFD2
RGB	210, 255, 210
RGB Percent	82%, 100%, 82%
CMY	0.1765, 0.0000, 0.1765
CMYK	0.18, 0.00, 0.18, 0.00
HSL	120°, 100%, 91%
HSV	120°, 18%, 100%
XYZ	73.9712, 89.8748, 74.4216
YIQ	236.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

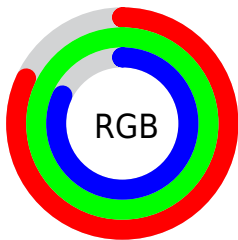
Format	Color
RYB	210, 255, 255
Decimal	13828050
CIELab	95.94, -22.61, 16.83
CIELCh	96, 28.185, 143.325
Yxy	89.8748, 0.3105, 0.3772
Android (android.graphics.Color)	4292018130 (0xFFD2FFD2)
YUV	236.4150, -13.0226, -23.1660
Hunter-Lab	94.8023, -26.6263, 19.8179

Details

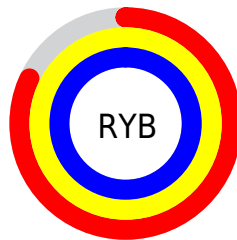
The XYZ color **73.9712, 89.8748, 74.4216** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.3368, 74.5738, 104.6618**, and the grayscale version is **80.1499, 84.3239, 91.8288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6280, 49.7233, 38.5193** is the 20% darker color. If you saturate the color by 10%, you get **64.3520, 85.2542, 58.6880**, and if you desaturate by 10%, it is **85.2547, 95.2948, 92.8781**.

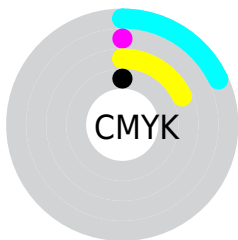
Distribution



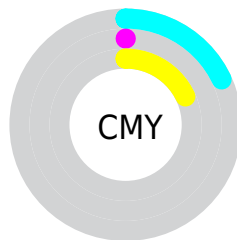
- Red (82%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9712, 89.8748, 74.4216 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 73.9712, 89.8748, 74.4216 by changing the saturation by 10% instead.


 73.9712, 89.8748,
74.4216

 73.9712, 89.8748,
74.4216


463.4258,
527.6235, 495.1294

 55.0617, 67.8768,
54.6403


123.8507,
147.1645, 127.2328

 39.6851, 49.7975,
38.7172


155.5514,
183.2249, 161.0998

 27.4762, 35.2525,
26.2336

192.2465,
224.7417, 200.4992

 18.0697, 23.8575,
16.7712

234.3014,
272.0991, 245.8493

 11.1000, 15.2279,
9.9112

282.0814,
325.6816, 297.5689

 6.2019, 8.9795,
5.2353

335.9519,

 3.0101, 4.7278,

385.8736, 356.0764

2.3248

396.2782,
453.0594, 421.7904

■ 1.1591, 2.0885,
0.7451

■ 0.0737, 0.6581,
0.0000

■ 73.9712, 89.8748,
74.4216

■ 73.9712, 89.8748,
74.4216

■ 64.3520, 85.2542,
58.6880

■ 85.2547, 95.2948,
92.8781

■ 56.3166, 81.3944,
45.5446

95.0500, 100.0000,
108.9000

■ 49.7807, 78.2549,
34.8540

■ 44.6515, 75.7910,
26.4641

■ 40.8257, 73.9533,
20.2062

■ 38.1860, 72.6853,
15.8885

■ 36.5943, 71.9208,
13.2848

■ 35.8680, 71.5719,
12.0968

■ 35.7600, 71.5200,
11.9201

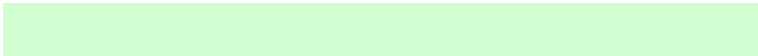
Harmonies

Analogous

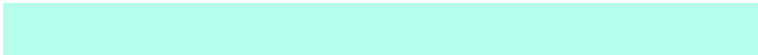
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6323, 89.8748, 63.5347



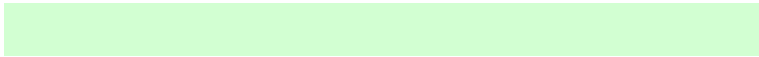
73.9712, 89.8748, 74.4216



71.4016, 89.8748, 92.9596

Triad

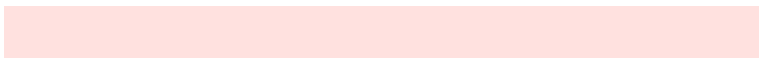
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9712, 89.8748, 74.4216



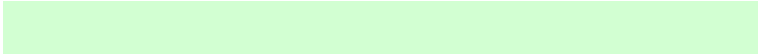
83.6952, 89.8748, 146.9122



99.9194, 89.8748, 81.8464

Complementary

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



73.9712, 89.8748, 74.4216



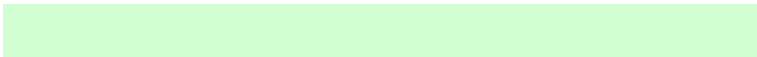
82.3368, 74.5738, 104.6618

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.



101.1701, 89.8748, 102.9263



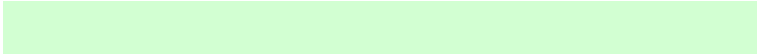
73.9712, 89.8748, 74.4216



91.4885, 89.8748, 142.7396

Square

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



73.9712, 89.8748, 74.4216



76.7910, 89.8748, 136.4262



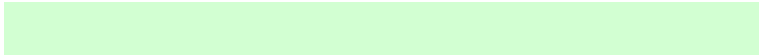
98.0003, 89.8748, 125.7616



94.6794, 89.8748, 67.3446

Rectangle

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



73.9712, 89.8748, 74.4216



71.6695, 89.8748, 108.0754



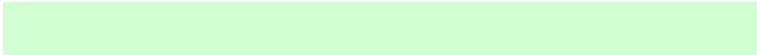
98.0003, 89.8748, 125.7616



100.8329, 89.8748, 88.3065

Sweetspot

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



73.9718, 89.8751, 74.4230



88.5284, 96.8674, 98.2329



88.6330, 97.4332, 75.1087



18.7601, 20.6430, 20.7174



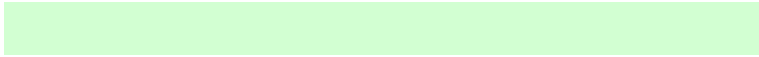
0.0000, 0.0000, 0.0000



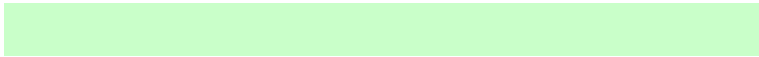
20.3446, 21.4041, 23.3091

Same Dimension

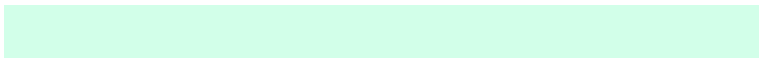
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9718, 89.8751, 74.4230



70.5643, 88.2383, 68.8493



76.9755, 91.0765, 90.2398



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



82.3368, 74.5738, 104.6618



80.2816, 70.4634, 103.9766



78.9237, 73.2086, 86.6883



18.7928, 18.3004, 22.7917



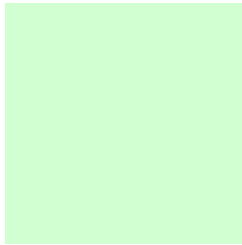
30.9800, 14.8813, 50.6725



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 73.9712, 89.8748, 74.4216 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 73.9712, 89.8748, 74.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

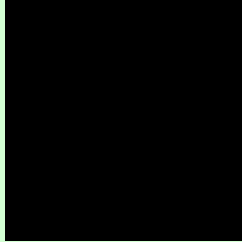
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

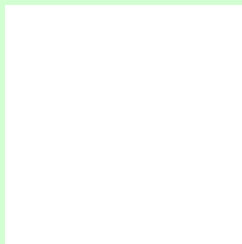
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9712, 89.8748, 74.4216

Background



This preview shows how black text looks on a background with the XYZ color 73.9712, 89.8748, 74.4216.



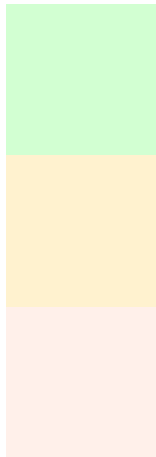
This preview shows how white text looks on a background with the XYZ color 73.9712, 89.8748,

74.4216.

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

73.9712, 89.8748, 74.4216

Protanopia

84.2546, 89.2693, 71.8215

Deuteranopia

87.2514, 89.5207, 90.5225



Tritanopia

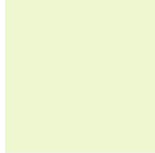
83.9811, 89.6806, 107.4916

Trichromacy



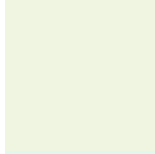
Original Color

73.9712, 89.8748, 74.4216



Protanomaly

80.2425, 89.4263, 72.7063



Deuteranomaly

81.8396, 89.0918, 84.1172



Tritanomaly

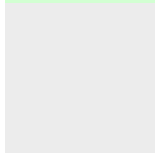
80.1961, 89.8307, 94.7736

Monochromacy



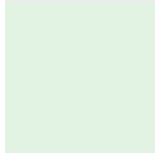
Original Color

73.9712, 89.8748, 74.4216



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.5943, 85.9781, 85.1788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9712, 89.8748, 74.4216 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(210, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 210)  
}
```

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(210, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.9712, 89.8748, 74.4216 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(210, 255, 210) }
```


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

```
.border{ border-color:rgb(210, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9712, 89.8748, 74.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 210) }
```

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

```
.background{ background-color: rgb(210,  
255, 210) }
```

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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