

Converting Colors

XYZ(71.7387, 88.8348, 69.2347)

Have a look what the booklet for
XYZ(71.7387, 88.8348, 69.2347)
contains.

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Color

**XYZ(71.8743, 88.9061,
69.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFCA
RGB	206, 255, 202
RGB Percent	81%, 100%, 79%
CMY	0.1922, 0.0000, 0.2078
CMYK	0.19, 0.00, 0.21, 0.00
HSL	115°, 100%, 90%
HSV	115°, 21%, 100%
XYZ	71.8743, 88.9061, 69.2495
YIQ	234.3070, -12.1910, -26.8710

Conversions

Conversions Part 2

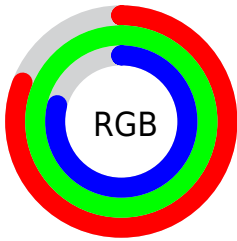
Format	Color
R_{YB}	202, 255, 251
Decimal	13565898
CIE _{Lab}	95.54, -25.25, 20.32
CIE _{LCh}	96, 32.412, 141.181
Yxy	88.9061, 0.3125, 0.3865
Android (android.graphics.Color)	4291755978 (0xFFCEFFCA)
YUV	234.3070, -15.9274, -24.8252
Hunter-Lab	94.2900, -28.9427, 22.4586

Details

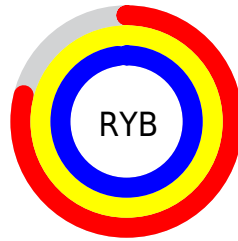
The XYZ color **71.8743, 88.9061, 69.2495** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.9549, 69.9714, 103.9522**, and the grayscale version is **78.5624, 82.6538, 90.0100**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3019, 49.1056, 35.4766** is the 20% darker color. If you saturate the color by 10%, you get **63.0384, 84.6715, 54.3560**, and if you desaturate by 10%, it is **82.1921, 93.8469, 86.8192**.

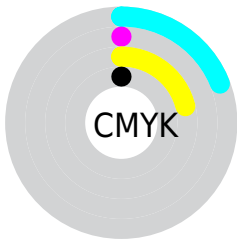
Distribution



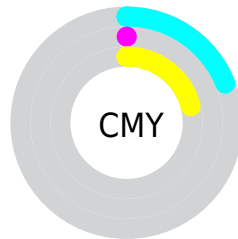
- Red (81%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8743, 88.9061, 69.2495 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 71.8743, 88.9061, 69.2495 by changing the saturation by 10% instead.


 71.8743, 88.9061,
69.2495

 71.8743, 88.9061,
69.2495


456.2684,
524.4660, 476.6282

 53.3411, 67.0737,
50.4419


120.8896,
145.8180, 119.8089

 38.3037, 49.1445,
35.3910


152.1023,
181.6663, 152.3978

 26.3968, 34.7342,
23.6783


188.2724,
222.9553, 190.4176

 17.2549, 23.4582,
14.8851

229.7650,
270.0696, 234.2868

 10.5129, 14.9322,
8.5931

276.9455,
323.3934, 284.4239

 5.8052, 8.7718,
4.3836

330.1794,

 2.7665, 4.5926,

383.3111, 341.2475

1.8380

389.8319,
450.2072, 405.1760

■ 1.0315, 2.0103,
0.4529

■ 0.0000, 0.6134,
0.0000

■ 71.8743, 88.9061,
69.2495

■ 71.8743, 88.9061,
69.2495

■ 63.0384, 84.6715,
54.3560

■ 82.1921, 93.8469,
86.8192

■ 55.6144, 81.1100,
42.0037

■ 94.0537, 99.5233,
107.1830

■ 49.5297, 78.1872,
32.0518

■ 95.0500, 100.0000,
108.9000

■ 44.7041, 75.8651,
24.3444

■ 41.0491, 74.1019,
18.7072

■ 38.4645, 72.8502,
14.9402

■ 36.8330, 72.0547,
12.8039

■ 36.0333, 71.6609,
11.9328

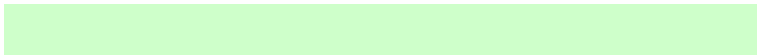
Harmonies

Analogous

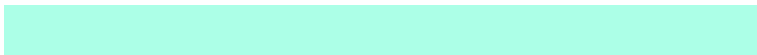
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4768, 88.9061, 57.9619



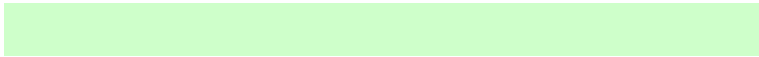
71.8743, 88.9061, 69.2495



68.7146, 88.9061, 89.4921

Triad

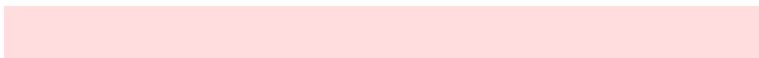
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8743, 88.9061, 69.2495



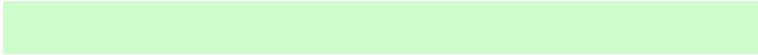
81.9095, 88.9061, 153.6719



101.4608, 88.9061, 80.1740

Complementary

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



71.8743, 88.9061, 69.2495



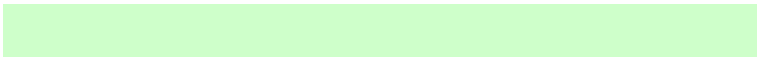
78.9549, 69.9714, 103.9522

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.



102.5406, 88.9061, 104.5029



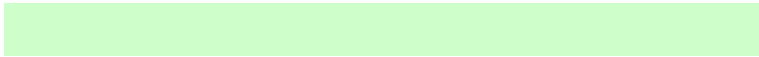
71.8743, 88.9061, 69.2495



90.8292, 88.9061, 149.9894

Square

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



71.8743, 88.9061, 69.2495



74.2359, 88.9061, 140.1647



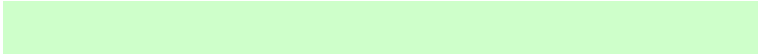
98.5296, 88.9061, 130.8406



95.6748, 88.9061, 63.4576

Rectangle

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



71.8743, 88.9061, 69.2495



68.8213, 88.9061, 106.6082



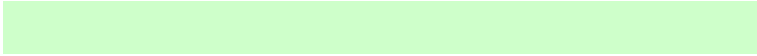
98.5296, 88.9061, 130.8406



102.4015, 88.9061, 87.6194

Sweetspot

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



71.8749, 88.9064, 69.2509



87.6696, 96.4686, 96.2042



86.2681, 94.2588, 69.5254



18.6003, 20.5695, 20.3092



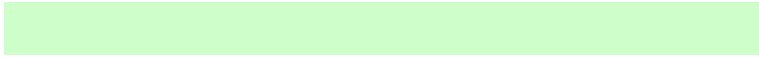
0.0000, 0.0000, 0.0000



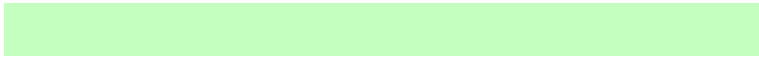
20.3446, 21.4041, 23.3091

Same Dimension

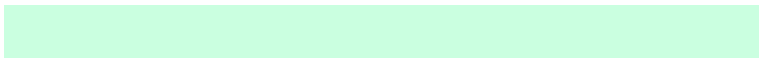
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8749, 88.9064, 69.2509



67.9722, 87.0365, 62.6518



73.5837, 89.4633, 83.9710



17.8985, 20.2336, 19.1065



18.8732, 37.4676, 6.2372



1.8795, 3.6697, 0.6093

Inverse Universe

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



78.9549, 69.9714, 103.9522



76.2276, 64.9497, 103.1267



77.0572, 69.3805, 86.3595



18.6494, 18.2265, 22.7851



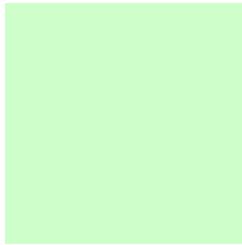
27.5216, 13.0984, 50.5123



2.7184, 1.2953, 4.9200

Previews

White Background



This preview shows how the XYZ color 71.8743, 88.9061, 69.2495 looks on a white background.

Color Contrast Check

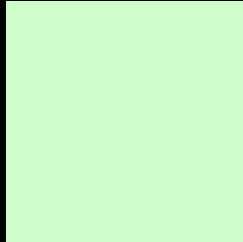
Large Text (above 18pt) WCAG AA × Fail

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 71.8743, 88.9061, 69.2495 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

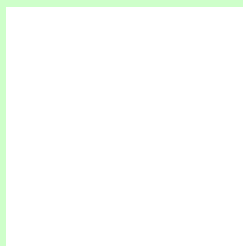
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8743, 88.9061, 69.2495

Background



This preview shows how black text looks on a background with the XYZ color 71.8743, 88.9061, 69.2495.



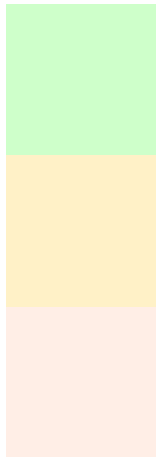
This preview shows how white text looks on a background with the XYZ color 71.8743, 88.9061,

69.2495.

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

71.8743, 88.9061, 69.2495

Protanopia

83.0041, 88.2941, 66.7005

Deuteranopia

86.0975, 88.1222, 87.3344



Tritanopia

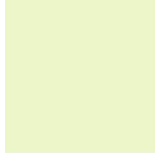
82.7138, 88.5794, 107.3458

Trichromacy



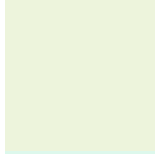
Original Color

71.8743, 88.9061, 69.2495



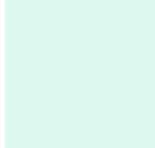
Protanomaly

78.3061, 88.0862, 67.5187



Deuteranomaly

80.1940, 87.8732, 80.4447



Tritanomaly

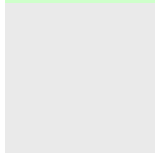
78.5265, 88.5631, 92.3125

Monochromacy



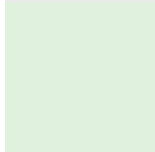
Original Color

71.8743, 88.9061, 69.2495



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.6774, 84.6255, 81.4530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8743, 88.9061, 69.2495 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.8743, 88.9061, 69.2495 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, 202) }
```


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

```
.border{ border-color:rgb(206, 255, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8743, 88.9061, 69.2495 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, 202) }
```

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

```
.background{ background-color: rgb(206,  
255, 202) }
```

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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