

Converting Colors

XYZ(71.8989, 88.8523, 72.2558)

Have a look what the booklet for
XYZ(71.8989, 88.8523, 72.2558)
contains.

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Color

**XYZ(71.9243, 88.8624,
72.3928)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFFCF
RGB	204, 255, 207
RGB Percent	80%, 100%, 81%
CMY	0.2000, 0.0000, 0.1882
CMYK	0.20, 0.00, 0.19, 0.00
HSL	124°, 100%, 90%
HSV	124°, 20%, 100%
XYZ	71.9243, 88.8624, 72.3928
YIQ	234.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

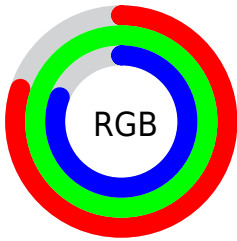
Format	Color
R_{YB}	204, 252, 255
Decimal	13434831
CIE _{Lab}	95.52, -25.07, 17.72
CIE _{LCh}	96, 30.700, 144.742
Yxy	88.8624, 0.3085, 0.3811
Android (android.graphics.Color)	4291624911 (0xFFCCFFCF)
YUV	234.2790, -13.4485, -26.5547
Hunter-Lab	94.2669, -28.7740, 20.4547

Details

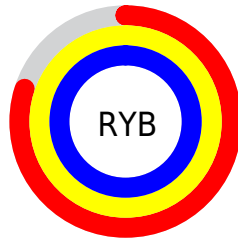
The XYZ color **71.9243, 88.8624, 72.3928** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.4037, 71.4745, 101.6530**, and the grayscale version is **78.5245, 82.6138, 89.9665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3383, 49.0776, 37.5893** is the 20% darker color. If you saturate the color by 10%, you get **62.7828, 84.4634, 57.7952**, and if you desaturate by 10%, it is **82.6573, 94.0302, 89.3956**.

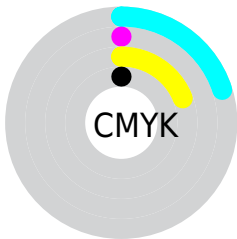
Distribution



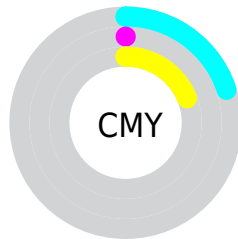
- Red (80%)
- Green (100%)
- Blue (81%)



- Red (80%)
- Yellow (99%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9243, 88.8624, 72.3928 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 71.9243, 88.8624, 72.3928 by changing the saturation by 10% instead.


 71.9243, 88.8624,
72.3928

 71.9243, 88.8624,
72.3928


456.4398,
524.3233, 487.9219

 53.3821, 67.0375,
52.9908


120.9603,
145.7572, 124.3277

 38.3366, 49.1151,
37.4078


152.1848,
181.5959, 157.6978

 26.4224, 34.7108,
25.2251


188.3674,
222.8747, 196.5609

 17.2743, 23.4402,
16.0243

229.8735,
269.9779, 241.3357

 10.5267, 14.9189,
9.3868

277.0684,
323.2900, 292.4406

 5.8145, 8.7625,
4.8941

330.3175,

 2.7722, 4.5866,

383.1953, 350.2943

2.1276

389.9862,
450.0783, 415.3152

■ 1.0345, 2.0068,
0.6321

■ 0.0000, 0.6114,
0.0000

■ 71.9243, 88.8624,
72.3928

■ 71.9243, 88.8624,
72.3928

■ 62.7828, 84.4634,
57.7952

■ 82.6573, 94.0302,
89.3956

■ 55.1554, 80.7957,
45.4904

95.0500, 100.0000,
108.9000

■ 48.9607, 77.8200,
35.3632

■ 44.1091, 75.4926,
27.2868

■ 40.5010, 73.7653,
21.1213

■ 38.0226, 72.5828,
16.7092

■ 36.5397, 71.8796,
13.8682

■ 35.8463, 71.5545,
12.3743

■ 35.8463, 71.5545,
12.3742

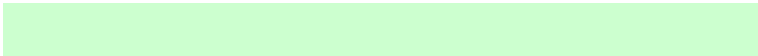
Harmonies

Analogous

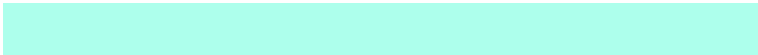
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8677, 88.8624, 60.4737



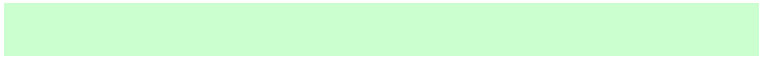
71.9243, 88.8624, 72.3928



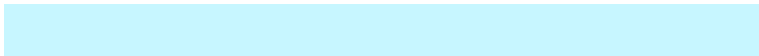
69.3499, 88.8624, 92.5706

Triad

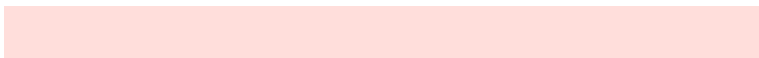
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9243, 88.8624, 72.3928



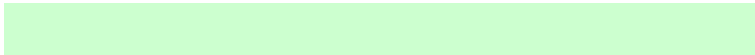
82.9867, 88.8624, 150.6325



100.0269, 88.8624, 78.6265

Complementary

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



71.9243, 88.8624, 72.3928



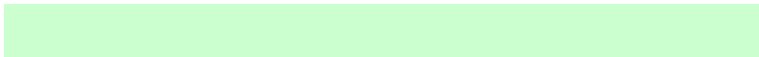
80.4037, 71.4745, 101.6530

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.



101.6219, 88.8624, 101.0657



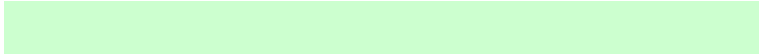
71.9243, 88.8624, 72.3928



91.4165, 88.8624, 145.2453

Square

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



71.9243, 88.8624, 72.3928



75.4597, 88.8624, 139.7478



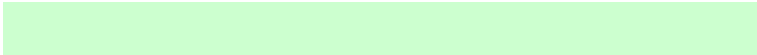
98.3760, 88.8624, 126.0509



94.1511, 88.8624, 63.6319

Rectangle

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



71.9243, 88.8624, 72.3928



69.7580, 88.8624, 109.0348



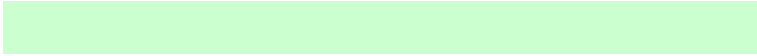
98.3760, 88.8624, 126.0509



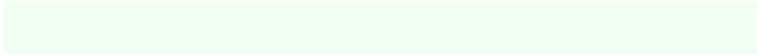
101.0972, 88.8624, 85.4355

Sweetspot

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



71.9249, 88.8626, 72.3942



87.4109, 96.3198, 96.8909



86.9673, 96.6593, 71.2010



18.5395, 20.5345, 20.4707



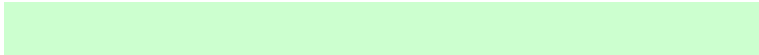
0.0000, 0.0000, 0.0000



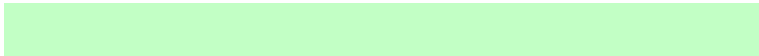
20.3446, 21.4041, 23.3091

Same Dimension

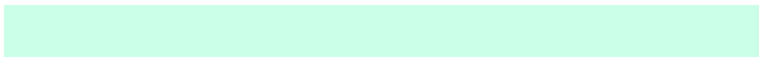
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9249, 88.8626, 72.3942



68.0809, 87.0125, 66.2715



75.2349, 90.1866, 89.8240



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.



80.4037, 71.4745, 101.6530



77.9629, 66.7448, 100.3708



76.6915, 69.9896, 82.1046



18.7438, 18.2808, 22.5339



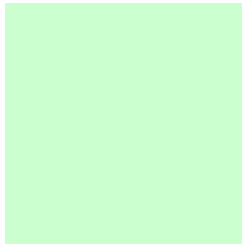
29.7867, 14.4040, 44.3885



2.9137, 1.4079, 4.3930

Previews

White Background



This preview shows how the XYZ color 71.9243, 88.8624, 72.3928 looks on a white background.

Color Contrast Check

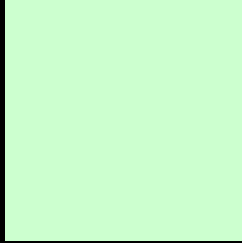
Large Text (above 18pt) WCAG AA × Fail

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 71.9243, 88.8624, 72.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

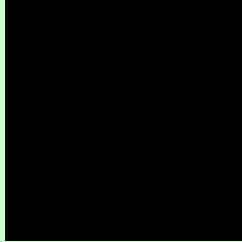
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

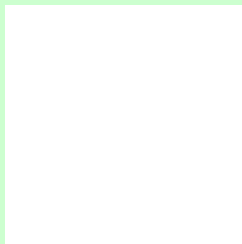
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9243, 88.8624, 72.3928

Background



This preview shows how black text looks on a background with the XYZ color 71.9243, 88.8624, 72.3928.



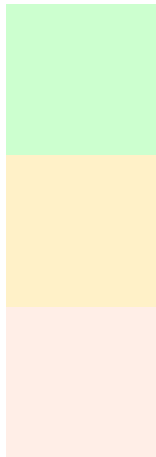
This preview shows how white text looks on a background with the XYZ color 71.9243, 88.8624,

72.3928.

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

71.9243, 88.8624, 72.3928

Protanopia

83.1206, 88.3407, 67.3141

Deuteranopia

86.2383, 88.1786, 88.0762



Tritanopia

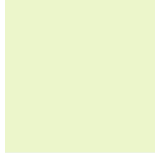
82.3956, 88.4153, 107.3309

Trichromacy



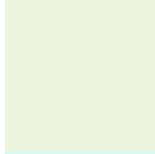
Original Color

71.9243, 88.8624, 72.3928



Protanomaly

78.3273, 88.0562, 69.3682



Deuteranomaly

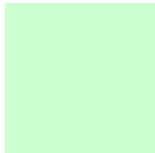
80.1276, 87.8082, 81.8327



Tritanomaly

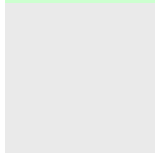
78.2134, 88.3679, 93.8233

Monochromacy



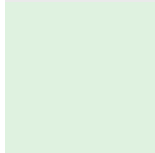
Original Color

71.9243, 88.8624, 72.3928



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.6381, 84.5741, 82.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9243, 88.8624, 72.3928 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(204, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 207)  
}
```

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(204, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.9243, 88.8624, 72.3928 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(204, 255, 207) }
```


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

```
.border{ border-color:rgb(204, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9243, 88.8624, 72.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 207) }
```

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

```
.background{ background-color: rgb(204,  
255, 207) }
```

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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