

Converting Colors

XYZ(72.8904, 87.7372, 77.8474)

Have a look what the booklet for
XYZ(72.8904, 87.7372, 77.8474)
contains.

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Color

**XYZ(72.9372, 87.8441,
78.0772)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CFFCD8 |
| RGB | 207, 252, 216 |
| RGB Percent | 81%, 99%, 85% |
| CMY | 0.1882, 0.0117, 0.1529 |
| CMYK | 0.18, 0.00, 0.14, 0.01 |
| HSL | 132°, 88%, 90% |
| HSV | 132°, 18%, 99% |
| XYZ | 72.9372, 87.8441, 78.0772 |
| YIQ | 234.4410, -15.2640, -20.7360 |

Conversions

Conversions Part 2

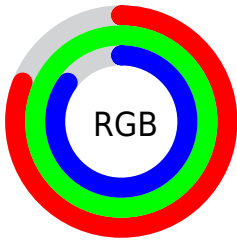
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 207, 245, 252 |
| Decimal | 13630680 |
| CIE _{Lab} | 95.10, -21.10, 12.53 |
| CIE _{LCh} | 95, 24.537, 149.291 |
| Y _{xy} | 87.8441, 0.3054, 0.3678 |
| Android (android.graphics.Color) | 4291820760 (0xFFCFFCD8) |
| YUV | 234.4410, -9.0914, -24.0658 |
| Hunter-Lab | 93.7252, -25.1099, 16.2165 |

Details

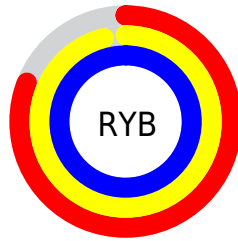
The XYZ color **72.9372, 87.8441, 78.0772** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.6384, 71.7942, 94.5109**, and the grayscale version is **78.6180, 82.7123, 90.0737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8970, 48.2788, 40.9869** is the 20% darker color. If you saturate the color by 10%, you get **64.0023, 83.5234, 64.8784**, and if you desaturate by 10%, it is **83.3204, 92.8795, 93.0169**.

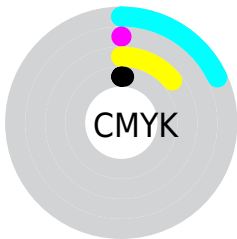
Distribution



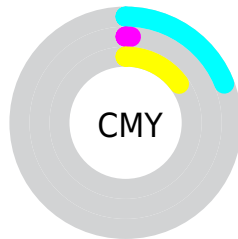
- Red (81%)
- Green (99%)
- Blue (85%)



- Red (81%)
- Yellow (96%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)





- Cyan (19%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9372, 87.8441, 78.0772 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 72.9372, 87.8441, 78.0772 by changing the saturation by 10% instead.


 72.9372, 87.8441,
78.0772

 72.9372, 87.8441,
78.0772


459.9043,
520.9926, 507.9638

 54.2128, 66.1940,
57.6206

122.3917,
144.3401, 132.4458

 39.0032, 48.4299,
41.0910


153.8525,
179.9547, 167.1949

 26.9429, 34.1674,
28.0700

190.2894,
220.9930, 207.5451

 17.6667, 23.0223,
18.1389

232.0679,
267.8393, 253.9152

 10.8092, 14.6099,
10.8793

279.5533,
320.8780, 306.7235

 6.0050, 8.5461,
5.8726

333.1109,

 2.8888, 4.4463,

380.4935, 366.3887

2.7002

393.1061,
447.0702, 433.3293

■ 1.0953, 1.9262,
0.9435

■ 0.0211, 0.5641,
0.0000

■ 72.9372, 87.8441,
78.0772

■ 72.9372, 87.8441,
78.0772

■ 64.0023, 83.5234,
64.8784

■ 83.3204, 92.8795,
93.0169

■ 56.4438, 79.8742,
53.3513

■ 94.1021, 98.1042,
108.5840

■ 50.1944, 76.8656,
43.4310

■ 45.1782, 74.4600,
35.0458

■ 41.3113, 72.6159,
28.1188

■ 38.4991, 71.2861,
22.5662

■ 36.6310, 70.4157,
18.2957

■ 35.5625, 69.9322,
15.2030

■ 35.3965, 69.8580,
14.6814

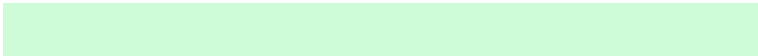
Harmonies

Analogous

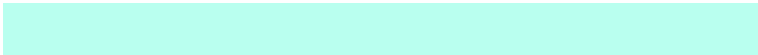
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3699, 87.8441, 67.0374



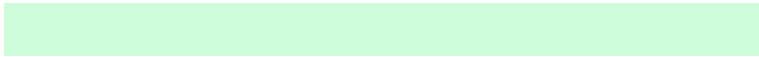
72.9372, 87.8441, 78.0772



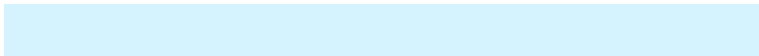
71.3057, 87.8441, 95.1933

Triad

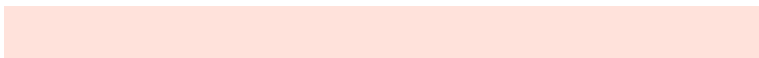
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9372, 87.8441, 78.0772



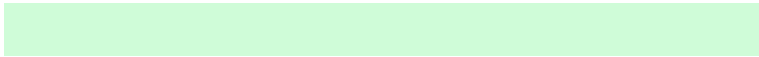
83.3345, 87.8441, 137.3113



95.1946, 87.8441, 78.7672

Complementary

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



72.9372, 87.8441, 78.0772



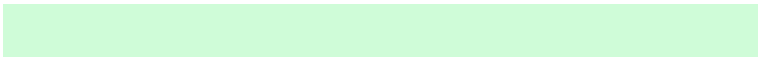
78.6384, 71.7942, 94.5109

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.



96.9958, 87.8441, 96.1027



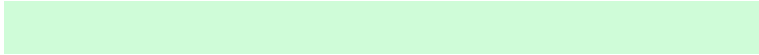
72.9372, 87.8441, 78.0772



89.9313, 87.8441, 131.4204

Square

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



72.9372, 87.8441, 78.0772



77.1088, 87.8441, 130.8592



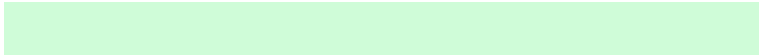
95.0215, 87.8441, 115.6734



90.2206, 87.8441, 67.3969

Rectangle

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



72.9372, 87.8441, 78.0772



71.9555, 87.8441, 108.3121



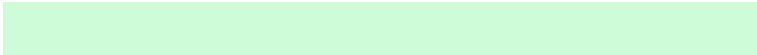
95.0215, 87.8441, 115.6734



96.2026, 87.8441, 84.0103

Sweetspot

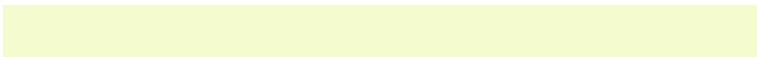
The Sweet Spot groups the original color and five complimentary colors.



72.9396, 87.8478, 78.0791



88.9147, 97.0219, 100.2669



83.2979, 93.3185, 72.6544



18.8536, 20.6804, 21.2096



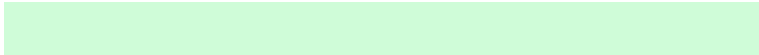
0.0000, 0.0000, 0.0000



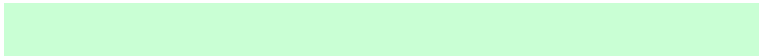
20.3446, 21.4041, 23.3091

Same Dimension

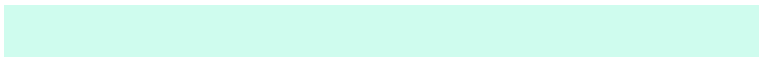
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9396, 87.8478, 78.0791



71.8724, 88.7615, 75.7377



75.9412, 89.0484, 93.8853



17.1593, 19.3660, 19.0394



18.4788, 36.4045, 7.8646



1.7473, 3.3860, 0.9170

Inverse Universe

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



78.6384, 71.7942, 94.5109



78.6050, 69.7927, 95.1476



75.5449, 70.5568, 78.2205



17.8355, 17.4616, 20.9896



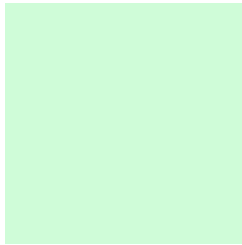
26.4947, 13.0136, 30.3770



2.4903, 1.2199, 3.0055

Previews

White Background



This preview shows how the XYZ color 72.9372, 87.8441, 78.0772 looks on a white background.

Color Contrast Check

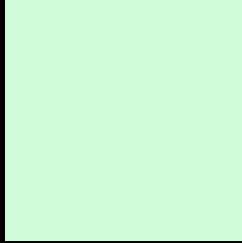
Large Text (above 18pt) WCAG AA × Fail

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 72.9372, 87.8441, 78.0772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

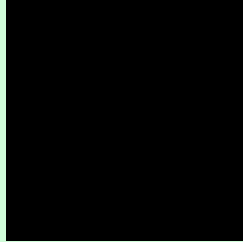
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

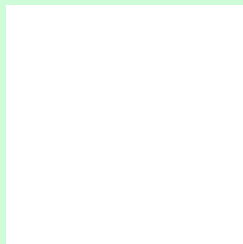
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9372, 87.8441, 78.0772

Background



This preview shows how black text looks on a background with the XYZ color 72.9372, 87.8441, 78.0772.



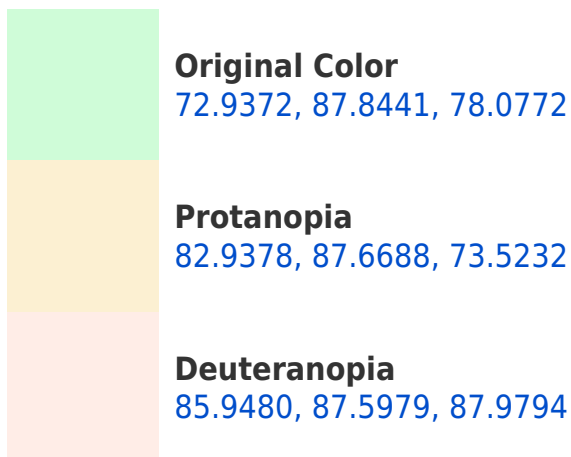
This preview shows how white text looks on a background with the XYZ color 72.9372, 87.8441,

78.0772.

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





Tritanopia

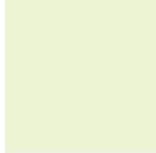
81.4646, 87.4899, 107.2013

Trichromacy



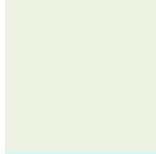
Original Color

72.9372, 87.8441, 78.0772



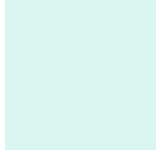
Protanomaly

78.8264, 87.2877, 74.9810



Deuteranomaly

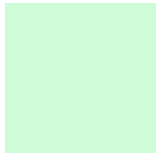
80.7395, 87.1724, 84.5220



Tritanomaly

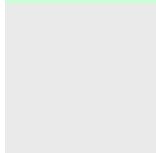
78.0464, 87.3225, 95.9605

Monochromacy



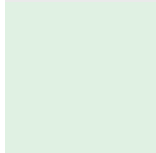
Original Color

72.9372, 87.8441, 78.0772



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.0609, 84.3039, 84.9365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9372, 87.8441, 78.0772 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(207, 252, 216)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 216)  
}
```

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(207, 252, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.9372, 87.8441, 78.0772 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(207, 252, 216) }
```


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

```
.border{ border-color:rgb(207, 252, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 252, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9372, 87.8441, 78.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 216) }
```

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

```
.background{ background-color: rgb(207,  
252, 216) }
```

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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