

Converting Colors

XYZ(73.0217, 88.2049, 71.4286)

Have a look what the booklet for
XYZ(73.0217, 88.2049, 71.4286)
contains.

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Color

**XYZ(72.8150, 87.9259,
71.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FCCE
RGB	211, 252, 206
RGB Percent	83%, 99%, 81%
CMY	0.1725, 0.0117, 0.1921
CMYK	0.16, 0.00, 0.18, 0.01
HSL	113°, 88%, 90%
HSV	113°, 18%, 99%
XYZ	72.8150, 87.9259, 71.5262
YIQ	234.4970, -9.6700, -22.9980

Conversions

Conversions Part 2

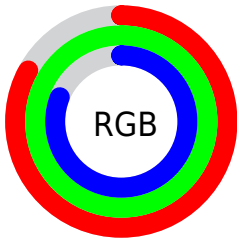
Format	Color
R_{YB}	206, 252, 247
Decimal	13892814
CIE _{Lab}	95.13, -21.50, 17.74
CIE _{LCh}	95, 27.877, 140.469
Yxy	87.9259, 0.3135, 0.3786
Android (android.graphics.Color)	4292082894 (0xFFD3FCCE)
YUV	234.4970, -14.0490, -20.6069
Hunter-Lab	93.7688, -25.4835, 20.4122

Details

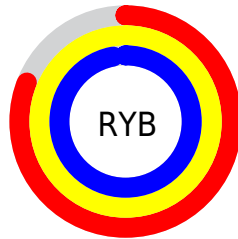
The XYZ color **72.8150, 87.9259, 71.5262** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.0033, 70.9475, 101.6830**, and the grayscale version is **78.6939, 82.7922, 90.1607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8929, 48.3651, 36.9913** is the 20% darker color. If you saturate the color by 10%, you get **64.0045, 83.7123, 56.3941**, and if you desaturate by 10%, it is **83.0203, 92.8069, 89.2894**.

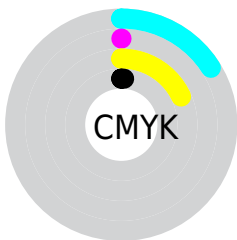
Distribution



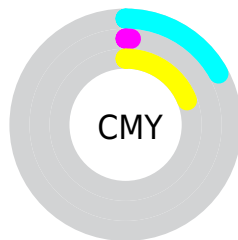
- Red (83%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (17%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8150, 87.9259, 71.5262 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 72.8150, 87.9259, 71.5262 by changing the saturation by 10% instead.

72.8150, 87.9259,
71.5262

72.8150, 87.9259,
71.5262

459.4871,
521.2605, 484.8239

54.1125, 66.2617,
52.2873

122.2191,
144.4540, 123.0841

38.9227, 48.4849,
36.8503

153.6514,
180.0867, 156.2402

26.8800, 34.2110,
24.7967

190.0578,
221.1443, 194.8723

17.6193, 23.0558,
15.7080

231.8035,
268.0113, 239.3992

10.7750, 14.6347,
9.1657

279.2539,
321.0720, 290.2392

5.9819, 8.5634,
4.7511

332.7744,

2.8747, 4.4575,

380.7109, 347.8110

2.0458

392.7304,
447.3122, 412.5331

■ 1.0878, 1.9326,
0.5832

■ 0.0149, 0.5679,
0.0000

■ 72.8150, 87.9259,
71.5262

■ 72.8150, 87.9259,
71.5262

■ 64.0045, 83.7123,
56.3941

■ 83.0203, 92.8069,
89.2894

■ 56.5213, 80.1264,
43.7626

■ 94.1021, 98.1042,
108.5840

■ 50.3029, 77.1415,
33.4989

■ 45.2790, 74.7243,
25.4553

■ 41.3721, 72.8387,
19.4681

■ 38.4957, 71.4441,
15.3504

■ 36.5503, 70.4938,
12.8818

■ 35.4105, 69.9299,
11.7578

■ 35.2744, 69.8625,
11.6257

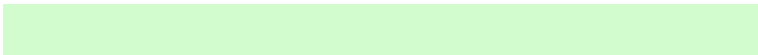
Harmonies

Analogous

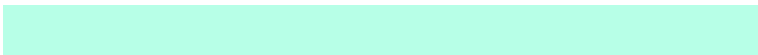
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5717, 87.9259, 61.6817



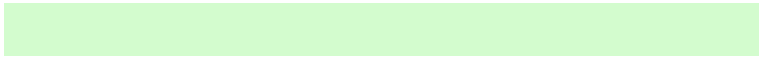
72.8150, 87.9259, 71.5262



69.9917, 87.9259, 88.9825

Triad

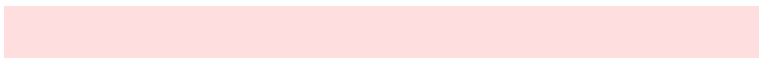
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8150, 87.9259, 71.5262



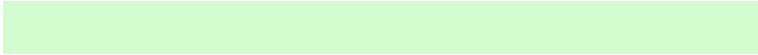
81.1781, 87.9259, 143.1420



97.9993, 87.9259, 81.8545

Complementary

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



72.8150, 87.9259, 71.5262



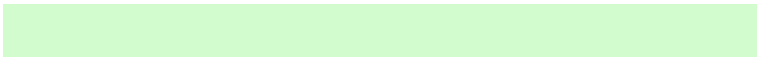
78.0033, 70.9475, 101.6830

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.



98.8019, 87.9259, 102.8236



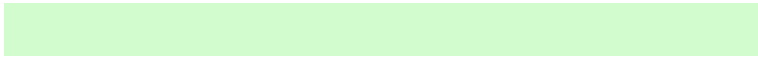
72.8150, 87.9259, 71.5262



88.7778, 87.9259, 140.4634

Square

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



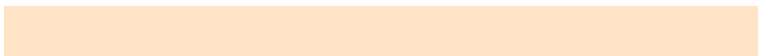
72.8150, 87.9259, 71.5262



74.6237, 87.9259, 131.7174



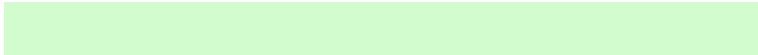
95.3371, 87.9259, 124.8726



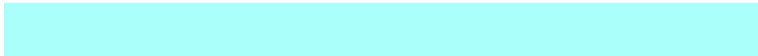
93.2062, 87.9259, 66.9885

Rectangle

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



72.8150, 87.9259, 71.5262



70.0285, 87.9259, 103.5315



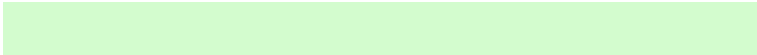
95.3371, 87.9259, 124.8726



98.7555, 87.9259, 88.3427

Sweetspot

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



72.8174, 87.9297, 71.5281



89.0065, 97.1138, 98.2551



84.4380, 91.4534, 71.5958



18.8757, 20.7026, 20.7228



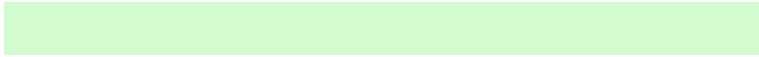
0.0000, 0.0000, 0.0000



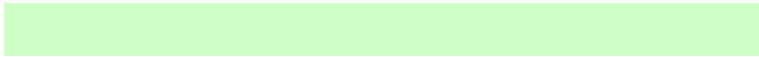
20.3446, 21.4041, 23.3091

Same Dimension

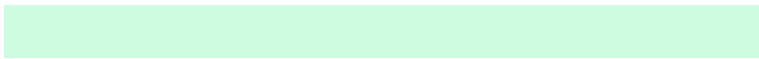
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8174, 87.9297, 71.5281



71.2331, 88.6175, 67.3225



73.6716, 88.1085, 83.3867



17.1924, 19.3995, 18.3007



18.4320, 36.4204, 6.0584



1.7627, 3.4018, 0.5637

Inverse Universe

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



78.0033, 70.9475, 101.6830



77.4829, 68.1428, 103.6768



77.1233, 70.8020, 87.7228



17.7963, 17.4232, 21.8103



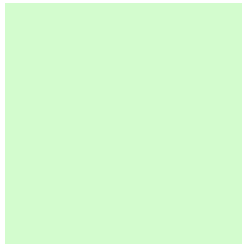
25.3424, 12.0071, 48.9555



2.3987, 1.1386, 4.5365

Previews

White Background



This preview shows how the XYZ color 72.8150, 87.9259, 71.5262 looks on a white background.

Color Contrast Check

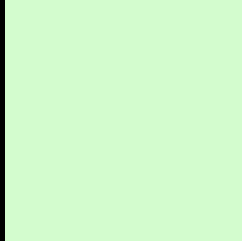
Large Text (above 18pt) WCAG AA × Fail

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 72.8150, 87.9259, 71.5262 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

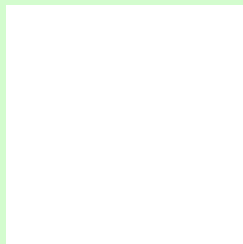
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8150, 87.9259, 71.5262

Background



This preview shows how black text looks on a background with the XYZ color 72.8150, 87.9259, 71.5262.



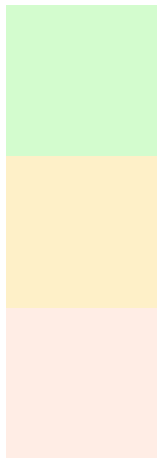
This preview shows how white text looks on a background with the XYZ color 72.8150, 87.9259, 71.5262.

71.5262.

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

72.8150, 87.9259, 71.5262

Protanopia

82.4585, 87.5611, 67.1985

Deuteranopia

85.6670, 87.4855, 86.5000



Tritanopia

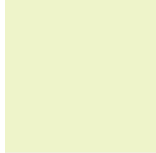
82.0955, 87.8152, 107.2309

Trichromacy



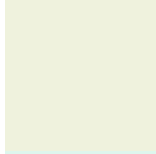
Original Color

72.8150, 87.9259, 71.5262



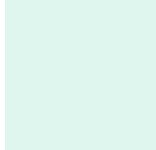
Protanomaly

78.2712, 87.1428, 68.5720



Deuteranomaly

80.3999, 87.0754, 80.9763



Tritanomaly

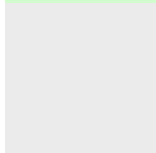
78.3660, 87.5556, 92.8903

Monochromacy



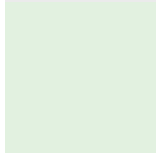
Original Color

72.8150, 87.9259, 71.5262



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.2739, 84.4612, 82.8036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8150, 87.9259, 71.5262 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(211, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(211, 252, 206)  
}
```

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(211, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 252, 206) }
```

Border

The CSS property to change the border of an element to XYZ 72.8150, 87.9259, 71.5262 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(211, 252, 206) }
```


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

```
.border{ border-color:rgb(211, 252, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 252, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 252, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 252, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 252,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8150, 87.9259, 71.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 252, 206) }
```

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

```
.background{ background-color: rgb(211,  
252, 206) }
```

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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