

Converting Colors

XYZ(72.2956, 85.8371, 74.9170)

Have a look what the booklet for
XYZ(72.2956, 85.8371, 74.9170)
contains.

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Color

**XYZ(72.3150, 85.7372,
75.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8D4
RGB	211, 248, 212
RGB Percent	83%, 97%, 83%
CMY	0.1725, 0.0274, 0.1686
CMYK	0.15, 0.00, 0.15, 0.03
HSL	122°, 73%, 90%
HSV	122°, 15%, 97%
XYZ	72.3150, 85.7372, 75.0249
YIQ	232.8330, -10.4960, -19.0400

Conversions

Conversions Part 2

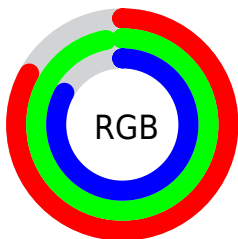
Format	Color
RYB	211, 247, 248
Decimal	13891796
CIELab	94.20, -18.54, 13.35
CIELCh	94, 22.849, 144.246
Yxy	85.7372, 0.3103, 0.3678
Android (android.graphics.Color)	4292081876 (0xFFD3F8D4)
YUV	232.8330, -10.2707, -19.1475
Hunter-Lab	92.5944, -22.6340, 16.7762

Details

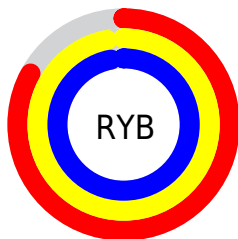
The XYZ color **72.3150, 85.7372, 75.0249** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.7972, 73.2623, 97.9875**, and the grayscale version is **77.4089, 81.4402, 88.6884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6457, 47.2015, 38.9722** is the 20% darker color. If you saturate the color by 10%, you get **62.9309, 81.2278, 59.8665**, and if you desaturate by 10%, it is **83.2549, 91.0010, 92.6342**.

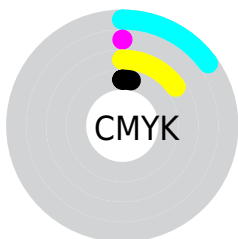
Distribution



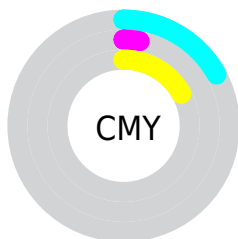
- Red (83%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (17%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3150, 85.7372, 75.0249 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 72.3150, 85.7372, 75.0249 by changing the saturation by 10% instead.


 72.3150, 85.7372,
75.0249

 72.3150, 85.7372,
75.0249


457.7779,
514.0643, 497.2609

 53.7024, 64.4507,
55.1314

121.5127,
141.4027, 128.0950

 38.5935, 47.0158,
39.1077


152.8284,
176.5505, 162.1088

 26.6230, 33.0481,
26.5350

189.1093,
217.0874, 201.6664

 17.4254, 22.1633,
16.9950

230.7207,
263.3980, 247.1863

 10.6354, 13.9770,
10.0690

278.0279,
315.8666, 299.0872

 5.8877, 8.1046,
5.3385

331.3962,

 2.8169, 4.1620,

374.8776, 357.7876

2.3850

391.1911,
440.8153, 423.7059

■ 1.0577, 1.7646,
0.7783

■ 0.0000, 0.4650,
0.0000

■ 72.3150, 85.7372,
75.0249

■ 72.3150, 85.7372,
75.0249

■ 62.9309, 81.2278,
59.8665

■ 83.2549, 91.0010,
92.6342

■ 55.0254, 77.4280,
47.0451

■ 92.8591, 95.6182,
108.1697

■ 48.5252, 74.3049,
36.4462

■ 43.3480, 71.8188,
27.9435

■ 39.4030, 69.9258,
21.3979

■ 36.5880, 68.5767,
16.6536

■ 34.7842, 67.7140,
13.5313

■ 33.8464, 67.2677,
11.8145

■ 33.6059, 67.1529,
11.3832

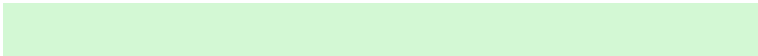
Harmonies

Analogous

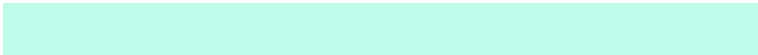
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7563, 85.7372, 65.8893



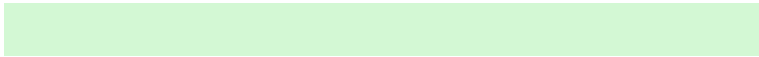
72.3150, 85.7372, 75.0249



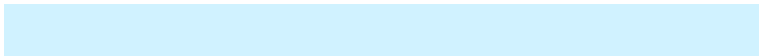
70.3413, 85.7372, 90.0172

Triad

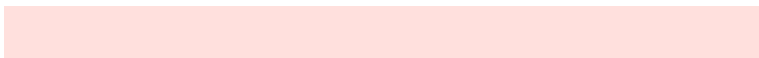
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3150, 85.7372, 75.0249



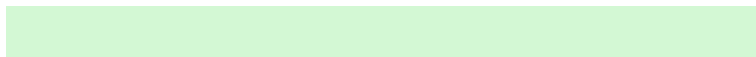
80.3173, 85.7372, 131.0315



92.6901, 85.7372, 80.1947

Complementary

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



72.3150, 85.7372, 75.0249



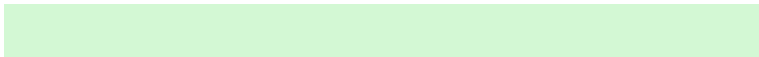
78.7972, 73.2623, 97.9875

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.



93.7599, 85.7372, 96.7707



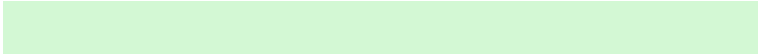
72.3150, 85.7372, 75.0249



86.4158, 85.7372, 127.5513

Square

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



72.3150, 85.7372, 75.0249



74.8107, 85.7372, 123.4387



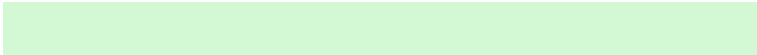
91.4113, 85.7372, 114.4471



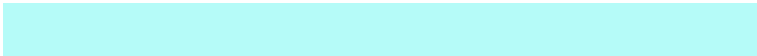
88.5568, 85.7372, 68.6024

Rectangle

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



72.3150, 85.7372, 75.0249



70.6158, 85.7372, 101.8887



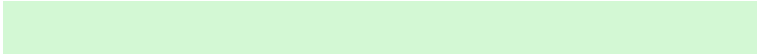
91.4113, 85.7372, 114.4471



93.4283, 85.7372, 85.3083

Sweetspot

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



72.3173, 85.7409, 75.0268



89.8395, 97.4937, 100.5301



83.8222, 91.6864, 74.9081



19.0263, 20.7700, 21.1912



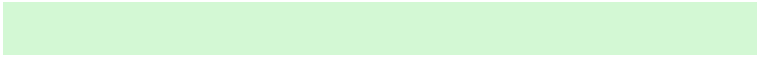
0.0000, 0.0000, 0.0000



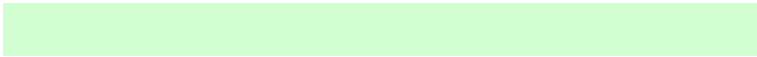
20.3446, 21.4041, 23.3091

Same Dimension

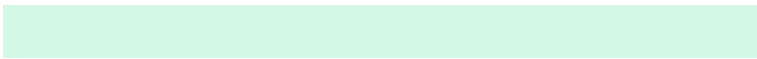
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3173, 85.7409, 75.0268



73.7583, 89.7601, 74.6340



74.7332, 86.7072, 87.7487



17.0364, 19.3168, 18.3923



18.1611, 36.2774, 6.1916



1.6885, 3.3625, 0.6076

Inverse Universe

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



78.7972, 73.2623, 97.9875



81.9157, 74.0503, 103.5390



76.1350, 72.1974, 83.9685



17.9716, 17.5160, 21.7061



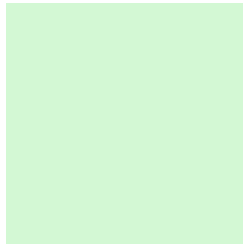
29.5214, 14.2243, 46.3154



2.7404, 1.3199, 4.3225

Previews

White Background



This preview shows how the XYZ color 72.3150, 85.7372, 75.0249 looks on a white background.

Color Contrast Check

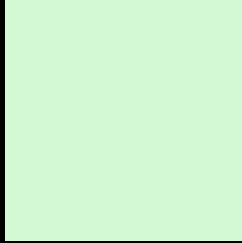
Large Text (above 18pt) WCAG AA × Fail

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 72.3150, 85.7372, 75.0249 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

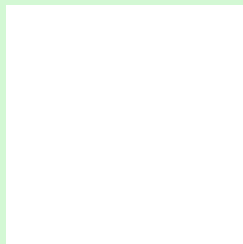
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3150, 85.7372, 75.0249

Background



This preview shows how black text looks on a background with the XYZ color 72.3150, 85.7372, 75.0249.



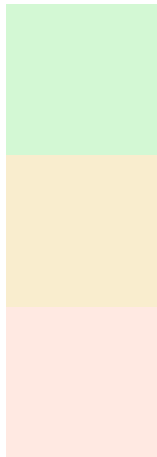
This preview shows how white text looks on a background with the XYZ color 72.3150, 85.7372,

75.0249.

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

72.3150, 85.7372, 75.0249

Protanopia

80.4917, 85.1643, 70.5885

Deuteranopia

84.1064, 85.0288, 83.9308



Tritanopia

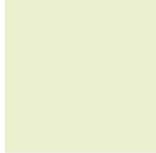
79.9506, 85.3875, 106.8753

Trichromacy



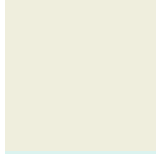
Original Color

72.3150, 85.7372, 75.0249



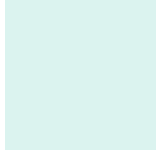
Protanomaly

77.1014, 85.1268, 72.0420



Deuteranomaly

79.2223, 84.7203, 80.5838



Tritanomaly

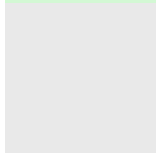
76.8440, 85.3932, 94.0938

Monochromacy



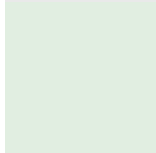
Original Color

72.3150, 85.7372, 75.0249



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.2165, 82.5929, 83.2118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3150, 85.7372, 75.0249 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, 248, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 212)  
}
```

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, 248, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.3150, 85.7372, 75.0249 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, 248, 212) }
```


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

```
.border{ border-color:rgb(211, 248, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 248, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 248, 212); box-shadow:4px 4px 4px 4px rgb(211, 248, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3150, 85.7372, 75.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 212) }
```

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

```
.background{ background-color: rgb(211,  
248, 212) }
```

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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