

Converting Colors

XYZ(72.2479, 85.4558, 74.6806)

Have a look what the booklet for
XYZ(72.2479, 85.4558, 74.6806)
contains.

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Color

**XYZ(72.2958, 85.2720,
74.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F7D4
RGB	212, 247, 212
RGB Percent	83%, 97%, 83%
CMY	0.1686, 0.0314, 0.1686
CMYK	0.14, 0.00, 0.14, 0.03
HSL	120°, 69%, 90%
HSV	120°, 14%, 97%
XYZ	72.2958, 85.2720, 74.9361
YIQ	232.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

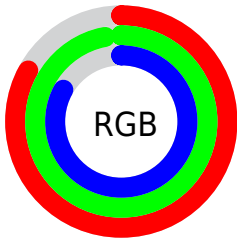
Format	Color
R _Y B	212, 247, 247
Decimal	13957076
CIE Lab	94.00, -17.72, 13.08
CIE LCh	94, 22.024, 143.579
Yxy	85.2720, 0.3109, 0.3668
Android (android.graphics.Color)	4292147156 (0xFFD4F7D4)
YUV	232.5450, -10.1287, -18.0180
Hunter-Lab	92.3428, -21.8512, 16.5262

Details

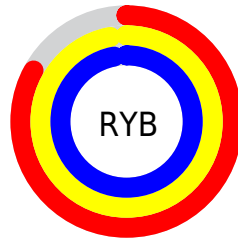
The XYZ color **72.2958, 85.2720, 74.9361** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.6928, 73.5785, 98.0542**, and the grayscale version is **77.1909, 81.2109, 88.4386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6212, 46.8640, 38.9084** is the 20% darker color. If you saturate the color by 10%, you get **62.8316, 80.7284, 59.4538**, and if you desaturate by 10%, it is **83.3306, 90.5751, 92.9835**.

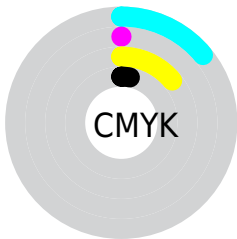
Distribution



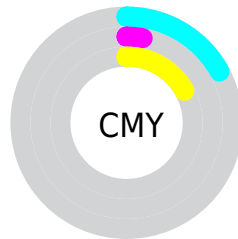
- Red (83%)
- Green (97%)
- Blue (83%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2958, 85.2720, 74.9361 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 72.2958, 85.2720, 74.9361 by changing the saturation by 10% instead.

72.2958, 85.2720,
74.9361

72.2958, 85.2720,
74.9361

457.7122,
512.5277, 496.9475

53.6867, 64.0662,
55.0591

121.4855,
140.7531, 127.9682

38.5809, 46.7043,
39.0501

152.7968,
175.7972, 161.9603

26.6131, 32.8019,
26.4906

189.0729,
216.2228, 201.4947

17.4179, 21.9747,
16.9620

230.6791,
262.4144, 246.9897

10.6301, 13.8383,
10.0457

277.9807,
314.7562, 298.8639

5.8841, 8.0083,
5.3233

331.3432,

2.8147, 4.1003,

373.6328, 357.5360

2.3761

391.1319,
439.4285, 423.4243

■ 1.0566, 1.7298,
0.7734

■ 0.0000, 0.4428,
0.0000

■ 72.2958, 85.2720,
74.9361

■ 72.2958, 85.2720,
74.9361

■ 62.8316, 80.7284,
59.4538

■ 83.3306, 90.5751,
92.9835

■ 54.8602, 76.8993,
46.4151

■ 92.5524, 95.0048,
108.0675

■ 48.3074, 73.7517,
35.6968

■ 43.0901, 71.2455,
27.1629

■ 39.1166, 69.3368,
20.6634

■ 36.2834, 67.9759,
16.0292

■ 34.4707, 67.1052,
13.0640

■ 33.5317, 66.6542,
11.5281

■ 33.2624, 66.5248,
11.0876

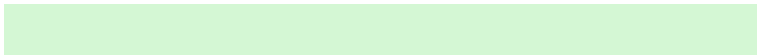
Harmonies

Analogous

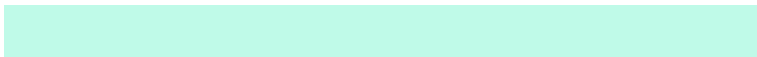
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6141, 85.2720, 66.2447



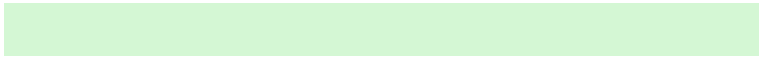
72.2958, 85.2720, 74.9361



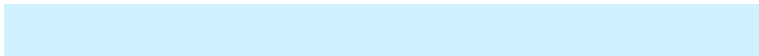
70.3352, 85.2720, 89.2760

Triad

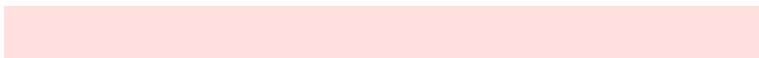
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2958, 85.2720, 74.9361



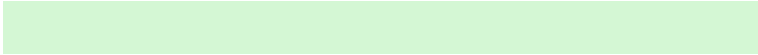
79.7919, 85.2720, 128.8414



91.8467, 85.2720, 80.4999

Complementary

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



72.2958, 85.2720, 74.9361



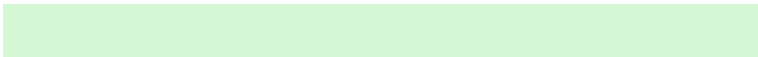
78.6928, 73.5785, 98.0542

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.



92.7978, 85.2720, 96.5114



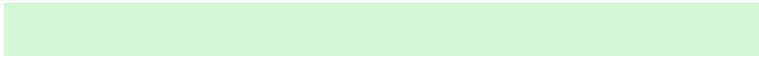
72.2958, 85.2720, 74.9361



85.6507, 85.2720, 125.7590

Square

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



72.2958, 85.2720, 74.9361



74.5261, 85.2720, 121.3823



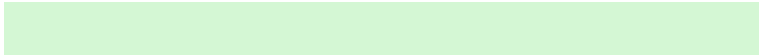
90.4805, 85.2720, 113.4054



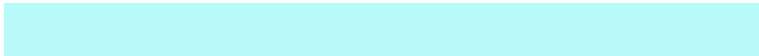
87.9407, 85.2720, 69.1753

Rectangle

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



72.2958, 85.2720, 74.9361



70.5582, 85.2720, 100.6498



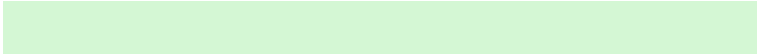
90.4805, 85.2720, 113.4054



92.5301, 85.2720, 85.4577

Sweetspot

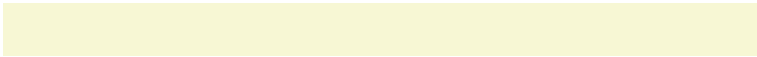
The Sweet Spot groups the original color and five complimentary colors.



72.2981, 85.2756, 74.9380



89.7974, 97.4769, 100.3084



83.5059, 91.0535, 75.4622



19.0157, 20.7658, 21.1354



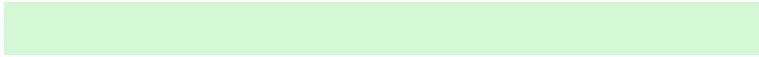
0.0000, 0.0000, 0.0000



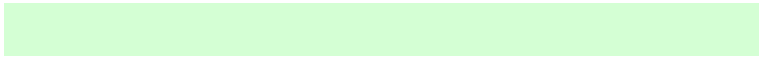
20.3446, 21.4041, 23.3091

Same Dimension

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



72.2981, 85.2756, 74.9380



74.6502, 90.2009, 75.5326



74.6275, 86.2074, 87.2042



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



78.6928, 73.5785, 98.0542



82.7460, 75.3921, 104.7982



76.1168, 72.5481, 84.4892



17.2137, 16.7683, 20.8719



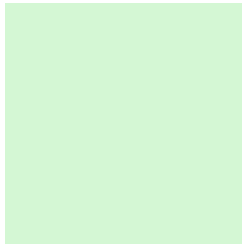
29.1648, 14.0093, 47.7035



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 72.2958, 85.2720, 74.9361 looks on a white background.

Color Contrast Check

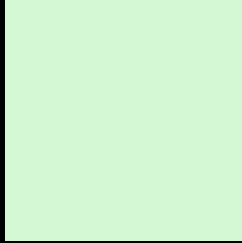
Large Text (above 18pt) WCAG AA × Fail

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 72.2958, 85.2720, 74.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

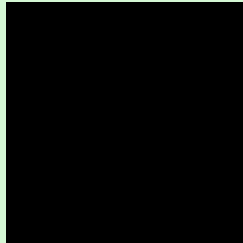
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

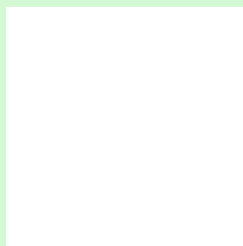
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2958, 85.2720, 74.9361

Background



This preview shows how black text looks on a background with the XYZ color 72.2958, 85.2720, 74.9361.



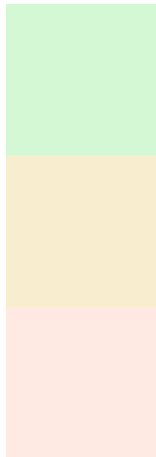
This preview shows how white text looks on a background with the XYZ color 72.2958, 85.2720,

74.9361.

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

72.2958, 85.2720, 74.9361

Protanopia

80.6136, 85.2131, 71.2305

Deuteranopia

84.1064, 85.0288, 83.9308



Tritanopia

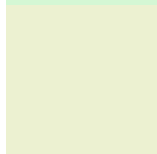
79.9506, 85.3875, 106.8753

Trichromacy



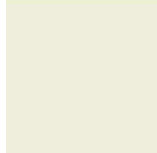
Original Color

72.2958, 85.2720, 74.9361



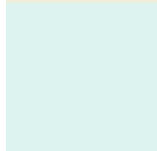
Protanomaly

77.5560, 85.3469, 72.7076



Deuteranomaly

79.2223, 84.7203, 80.5838



Tritanomaly

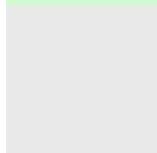
77.1458, 85.5488, 94.1079

Monochromacy



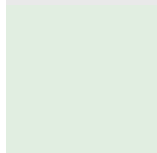
Original Color

72.2958, 85.2720, 74.9361



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 72.2958, 85.2720, 74.9361 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(212, 247, 212) looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 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(212, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.2958, 85.2720, 74.9361 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(212, 247, 212) }
```


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

```
.border{ border-color:rgb(212, 247, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 247, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2958, 85.2720, 74.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 212) }
```

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

```
.background{ background-color: rgb(212,  
247, 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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