

Converting Colors

XYZ(72.4301, 89.4245, 58.5657)

Have a look what the booklet for
XYZ(72.4301, 89.4245, 58.5657)
contains.

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Color

**XYZ(72.4361, 89.4278,
58.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFB8
RGB	215, 255, 184
RGB Percent	84%, 100%, 72%
CMY	0.1569, 0.0000, 0.2784
CMYK	0.16, 0.00, 0.28, 0.00
HSL	94°, 100%, 86%
HSV	94°, 28%, 100%
XYZ	72.4361, 89.4278, 58.7909
YIQ	234.9460, -1.0490, -30.5610

Conversions

Conversions Part 2

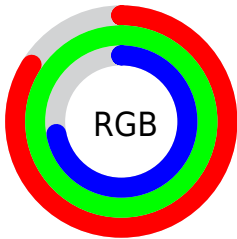
Format	Color
RYB	184, 255, 224
Decimal	14155704
CIELab	95.76, -25.01, 29.83
CIELCh	96, 38.924, 129.976
Yxy	89.4278, 0.3283, 0.4053
Android (android.graphics.Color)	4292345784 (0xFFD7FFB8)
YUV	234.9460, -25.1164, -17.4926
Hunter-Lab	94.5663, -28.7631, 29.3364

Details

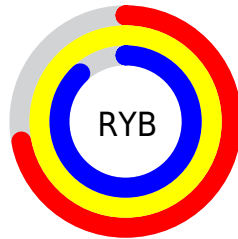
The XYZ color **72.4361, 89.4278, 58.7909** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9319, 57.3495, 102.2023**, and the grayscale version is **79.1097, 83.2296, 90.6371**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.5214, 49.3708, 28.6183** is the 20% darker color. If you saturate the color by 10%, you get **65.9641, 86.3729, 45.7699**, and if you desaturate by 10%, it is **79.7614, 92.8669, 74.3695**.

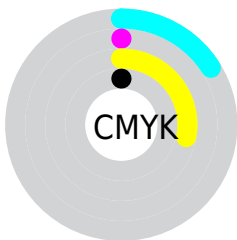
Distribution



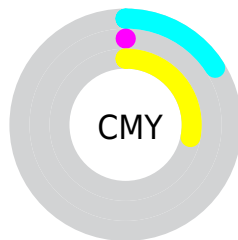
- Red (84%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4361, 89.4278, 58.7909 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 72.4361, 89.4278, 58.7909 by changing the saturation by 10% instead.


 72.4361, 89.4278,
58.7909

 72.4361, 89.4278,
58.7909


458.1922,
526.1677, 437.8069

 53.8017, 67.5062,
42.0259

 121.6838,
146.5433, 104.5998

 38.6732, 49.4961,
28.7959


153.0278,
182.5060, 134.4809

 26.6852, 35.0132,
18.6822


189.3392,
223.9178, 169.5710

 17.4723, 23.6730,
11.2664

230.9831,
271.1632, 210.2887

 10.6692, 15.0912,
6.1299

278.3250,
324.6264, 257.0526

 5.9105, 8.8834,
2.8542

331.7303,

 2.8309, 4.6652,

384.6920, 310.2813

1.0207

391.5642,
451.7443, 370.3932

■ 1.0650, 2.0522,
0.0000

■ 0.0000, 0.6375,
0.0000

■ 72.4361, 89.4278,
58.7909

■ 72.4361, 89.4278,
58.7909

■ 65.9641, 86.3729,
45.7699

■ 79.7614, 92.8669,
74.3695

■ 60.3087, 83.6862,
35.1656

■ 87.9716, 96.7038,
92.6282

■ 55.4321, 81.3517,
26.8298

95.0500, 100.0000,
108.9000

■ 51.2924, 79.3513,
20.5961

■ 47.8431, 77.6652,
16.2754

■ 45.0307, 76.2706,
13.6448

■ 42.7865, 75.1388,
12.4062

■ 42.3580, 74.9214,
12.2288

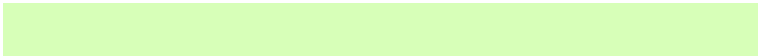
Harmonies

Analogous

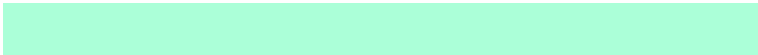
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4787, 89.4278, 50.0503



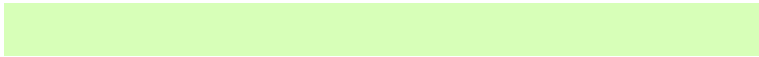
72.4361, 89.4278, 58.7909



67.0721, 89.4278, 78.5316

Triad

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



72.4361, 89.4278, 58.7909



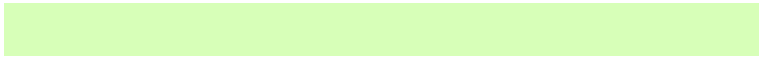
78.1367, 89.4278, 164.0024



106.9490, 89.4278, 87.5026

Complementary

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



72.4361, 89.4278, 58.7909



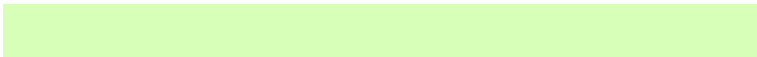
65.9319, 57.3495, 102.2023

Split Complementary

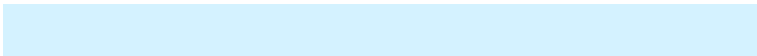
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.8642, 89.4278, 119.0070



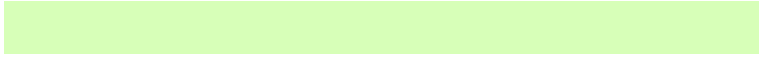
72.4361, 89.4278, 58.7909



88.6181, 89.4278, 167.8182

Square

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



72.4361, 89.4278, 58.7909



70.1666, 89.4278, 140.4165



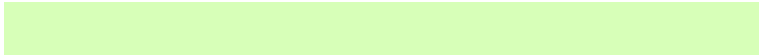
98.9352, 89.4278, 149.9525



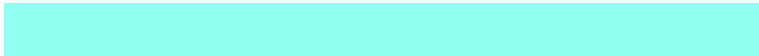
101.7857, 89.4278, 64.1674

Rectangle

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



72.4361, 89.4278, 58.7909



66.0141, 89.4278, 97.3471



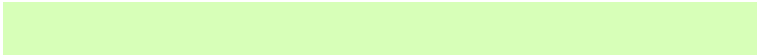
98.9352, 89.4278, 149.9525



107.3125, 89.4278, 97.3962

Sweetspot

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



72.4366, 89.4280, 58.7922



87.8350, 96.6401, 92.3186



76.2933, 77.5234, 56.2911



18.5240, 20.5560, 19.1357



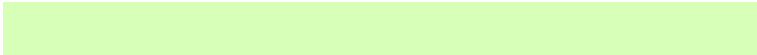
0.0000, 0.0000, 0.0000



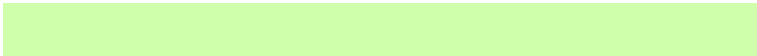
20.3446, 21.4041, 23.3091

Same Dimension

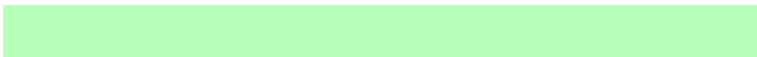
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4366, 89.4280, 58.7922



68.9940, 87.8052, 51.7649



64.5566, 85.3222, 60.3906



18.5240, 20.5560, 19.1357



22.2971, 39.2327, 6.3975



2.2937, 3.8832, 0.6286

Inverse Universe

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



65.9319, 57.3495, 102.2023



61.5756, 51.2346, 101.2516



75.8646, 62.5354, 99.7113



17.9823, 17.8826, 22.7539



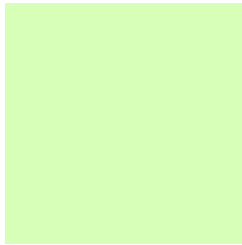
15.5852, 6.9450, 49.9537



1.6429, 0.7409, 4.8697

Previews

White Background



This preview shows how the XYZ color 72.4361, 89.4278, 58.7909 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 72.4361, 89.4278, 58.7909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

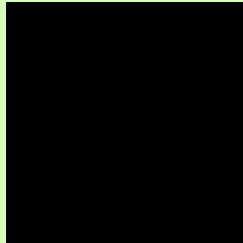
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

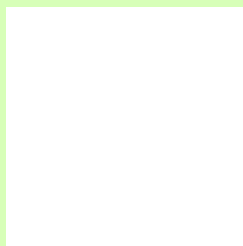
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4361, 89.4278, 58.7909

Background



This preview shows how black text looks on a background with the XYZ color 72.4361, 89.4278, 58.7909.



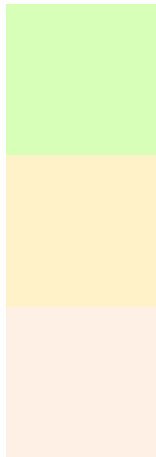
This preview shows how white text looks on a background with the XYZ color 72.4361, 89.4278,

58.7909.

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

72.4361, 89.4278, 58.7909

Protanopia

83.4175, 88.9344, 67.4131

Deuteranopia

86.5429, 89.2373, 86.7920



Tritanopia

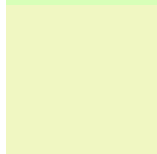
84.3324, 89.4138, 107.4215

Trichromacy



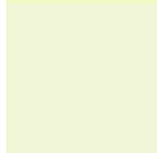
Original Color

72.4361, 89.4278, 58.7909



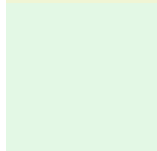
Protanomaly

78.9335, 88.9418, 64.0462



Deuteranomaly

80.5978, 88.6342, 75.8109



Tritanomaly

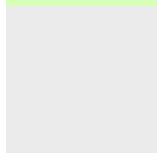
79.3888, 89.1228, 87.1469

Monochromacy



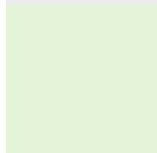
Original Color

72.4361, 89.4278, 58.7909



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.1417, 84.9561, 77.3508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4361, 89.4278, 58.7909 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(215, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 184)  
}
```

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(215, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 72.4361, 89.4278, 58.7909 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(215, 255, 184) }
```


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

```
.border{ border-color:rgb(215, 255, 184) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4361, 89.4278, 58.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 184) }
```

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

```
.background{ background-color: rgb(215,  
255, 184) }
```

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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