

Converting Colors

XYZ(71.2236, 88.8076, 58.5156)

Have a look what the booklet for
XYZ(71.2236, 88.8076, 58.5156)
contains.

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Color

**XYZ(71.2757, 88.8296,
58.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFB8
RGB	211, 255, 184
RGB Percent	83%, 100%, 72%
CMY	0.1725, 0.0000, 0.2784
CMYK	0.17, 0.00, 0.28, 0.00
HSL	97°, 100%, 86%
HSV	97°, 28%, 100%
XYZ	71.2757, 88.8296, 58.7366
YIQ	233.7500, -3.4330, -31.4090

Conversions

Conversions Part 2

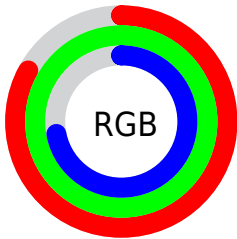
Format	Color
RYB	184, 255, 228
Decimal	13893560
CIELab	95.51, -26.38, 29.45
CIELCh	96, 39.538, 131.858
Yxy	88.8296, 0.3257, 0.4059
Android (android.graphics.Color)	4292083640 (0xFFD3FFB8)
YUV	233.7500, -24.5267, -19.9518
Hunter-Lab	94.2495, -29.9468, 29.0249

Details

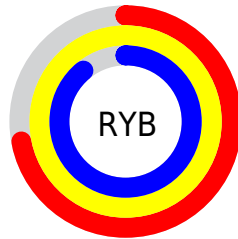
The XYZ color **71.2757, 88.8296, 58.7366** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.1864, 57.9962, 102.2610**, and the grayscale version is **78.1986, 82.2710, 89.5931**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **37.9336, 49.0678, 28.5908** is the 20% darker color. If you saturate the color by 10%, you get **64.5317, 85.6344, 45.7029**, and if you desaturate by 10%, it is **78.9477, 92.4474, 74.3314**.

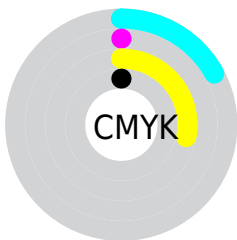
Distribution



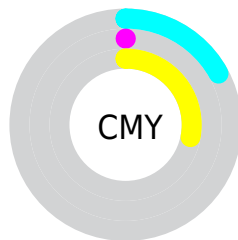
- Red (83%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2757, 88.8296, 58.7366 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 71.2757, 88.8296, 58.7366 by changing the saturation by 10% instead.

71.2757, 88.8296,
58.7366

71.2757, 88.8296,
58.7366

454.2135,
524.2162, 437.5998

52.8506, 67.0103,
41.9825

120.0426,
145.7116, 104.5201

37.9105, 49.0930,
28.7621

151.1151,
181.5431, 134.3866

26.0901, 34.6933,
18.6569

187.1340,
222.8141, 169.4609

17.0241, 23.4267,
11.2483

228.4648,
269.9091, 210.1617

10.3471, 14.9089,
6.1179

275.4728,
323.2124, 256.9074

5.6937, 8.7555,
2.8469

328.5233,

2.6986, 4.5820,

383.1084, 310.1167

1.0170

387.9818,
449.9816, 370.2079

■ 0.9965, 2.0042,
0.0000

■ 0.0000, 0.6099,
0.0000

■ 71.2757, 88.8296,
58.7366

■ 71.2757, 88.8296,
58.7366

■ 64.5317, 85.6344,
45.7029

■ 78.9477, 92.4474,
74.3314

■ 58.6756, 82.8443,
35.0892

■ 87.5824, 96.5031,
92.6099

■ 53.6660, 80.4413,
26.7471

95.0500, 100.0000,
108.9000

■ 49.4576, 78.4054,
20.5102

■ 45.9996, 76.7148,
16.1891

■ 43.2341, 75.3445,
13.5608

■ 41.0877, 74.2631,
12.3267

■ 40.6865, 74.0597,
12.1506

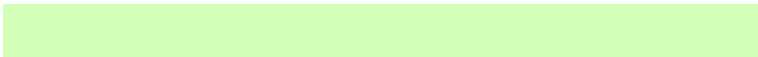
Harmonies

Analogous

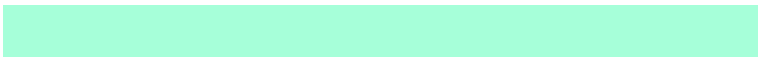
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2204, 88.8296, 49.2869



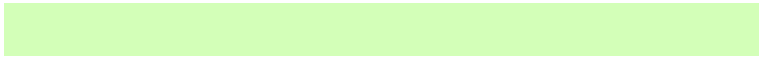
71.2757, 88.8296, 58.7366



66.1374, 88.8296, 79.3046

Triad

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



71.2757, 88.8296, 58.7366



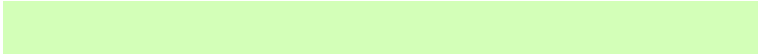
78.1070, 88.8296, 165.2294



106.5065, 88.8296, 84.9694

Complementary

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



71.2757, 88.8296, 58.7366



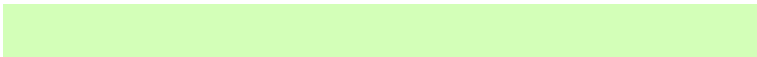
67.1864, 57.9962, 102.2610

Split Complementary

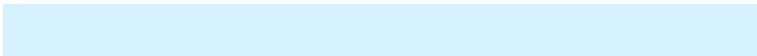
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.8179, 88.8296, 116.5156



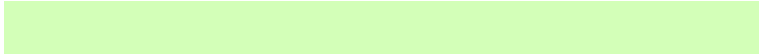
71.2757, 88.8296, 58.7366



88.7841, 88.8296, 167.6605

Square

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



71.2757, 88.8296, 58.7366



69.8428, 88.8296, 142.2527



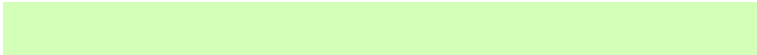
99.1104, 88.8296, 148.3188



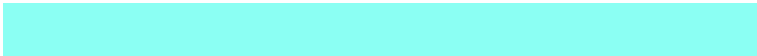
100.9185, 88.8296, 62.1163

Rectangle

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



71.2757, 88.8296, 58.7366



65.2704, 88.8296, 98.6681



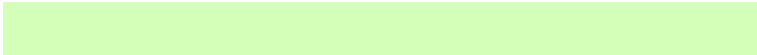
99.1104, 88.8296, 148.3188



107.0136, 88.8296, 94.7984

Sweetspot

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



71.2762, 88.8298, 58.7379



87.4385, 96.4356, 92.3000



77.5761, 80.0890, 56.7187



18.4244, 20.5047, 19.1311



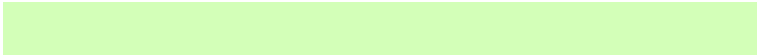
0.0000, 0.0000, 0.0000



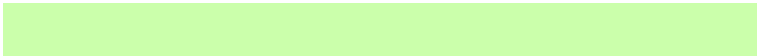
20.3446, 21.4041, 23.3091

Same Dimension

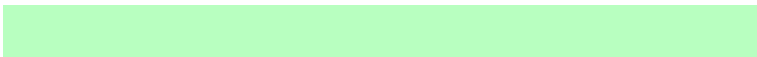
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2762, 88.8298, 58.7379



67.6841, 87.1300, 51.7036



65.0738, 85.5291, 63.1142



18.4244, 20.5047, 19.1311



21.4124, 38.7766, 6.3561



2.2018, 3.8358, 0.6243

Inverse Universe

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



67.1864, 57.9962, 102.2610



63.0161, 51.9772, 101.3190



75.1258, 62.2399, 95.8208



18.0843, 17.9352, 22.7586



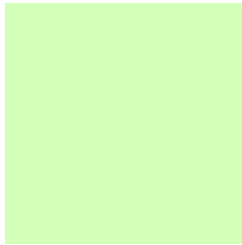
16.9740, 7.6609, 50.0187



1.7744, 0.8086, 4.8758

Previews

White Background



This preview shows how the XYZ color 71.2757, 88.8296, 58.7366 looks on a white background.

Color Contrast Check

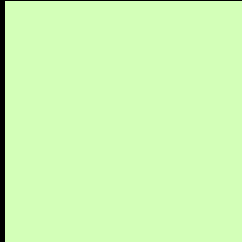
Large Text (above 18pt) WCAG AA × Fail

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 71.2757, 88.8296, 58.7366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

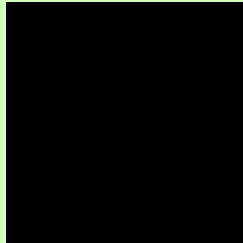
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

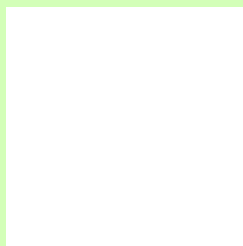
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2757, 88.8296, 58.7366

Background



This preview shows how black text looks on a background with the XYZ color 71.2757, 88.8296, 58.7366.



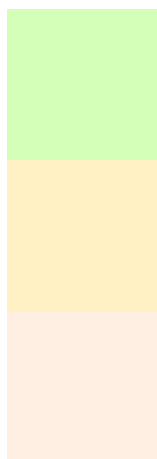
This preview shows how white text looks on a background with the XYZ color 71.2757, 88.8296,

58.7366.

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

71.2757, 88.8296, 58.7366

Protanopia

82.6591, 88.1561, 64.8838

Deuteranopia

85.9716, 88.5391, 85.2316



Tritanopia

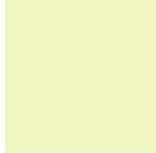
83.0556, 88.3101, 107.2758

Trichromacy



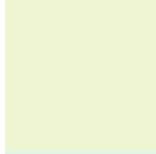
Original Color

71.2757, 88.8296, 58.7366



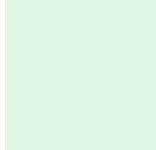
Protanomaly

78.0668, 88.0680, 62.7534



Deuteranomaly

80.0069, 88.3587, 74.4661



Tritanomaly

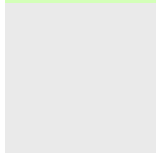
78.1441, 88.0260, 87.0008

Monochromacy



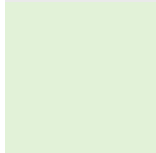
Original Color

71.2757, 88.8296, 58.7366



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.5108, 84.6309, 77.3213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2757, 88.8296, 58.7366 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, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 71.2757, 88.8296, 58.7366 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, 255, 184) }
```


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

```
.border{ border-color:rgb(211, 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(211, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2757, 88.8296, 58.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 184) }
```

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

```
.background{ background-color: rgb(211,  
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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