

Converting Colors

XYZ(71.4238, 88.5821, 73.3754)

Have a look what the booklet for
XYZ(71.4238, 88.5821, 73.3754)
contains.

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Color

**XYZ(71.3560, 88.5410,
73.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFD1
RGB	201, 255, 209
RGB Percent	79%, 100%, 82%
CMY	0.2118, 0.0000, 0.1804
CMYK	0.21, 0.00, 0.18, 0.00
HSL	129°, 100%, 89%
HSV	129°, 21%, 100%
XYZ	71.3560, 88.5410, 73.6509
YIQ	233.6100, -17.4180, -25.7540

Conversions

Conversions Part 2

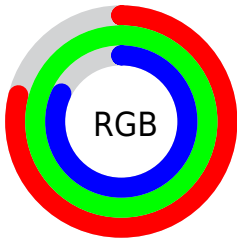
Format	Color
R_{YB}	201, 248, 255
Decimal	13238225
CIE _{Lab}	95.39, -25.69, 16.48
CIE _{LCh}	95, 30.525, 147.314
Yxy	88.5410, 0.3055, 0.3791
Android (android.graphics.Color)	4291428305 (0xFFC9FFD1)
YUV	233.6100, -12.1327, -28.5990
Hunter-Lab	94.0962, -29.3065, 19.4600

Details

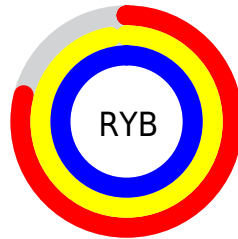
The XYZ color **71.3560, 88.5410, 73.6509** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.9153, 69.7492, 97.2987**, and the grayscale version is **78.0096, 82.0722, 89.3767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8809, 48.8323, 38.0009** is the 20% darker color. If you saturate the color by 10%, you get **62.5516, 84.2920, 60.1444**, and if you desaturate by 10%, it is **81.6663, 93.5238, 89.1446**.

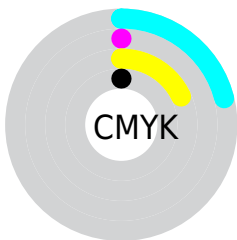
Distribution



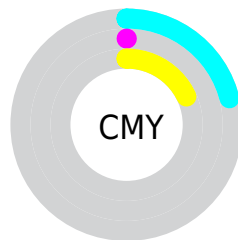
- Red (79%)
- Green (100%)
- Blue (82%)



- Red (79%)
- Yellow (97%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (21%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3560, 88.5410, 73.6509 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 71.3560, 88.5410, 73.6509 by changing the saturation by 10% instead.


 71.3560, 88.5410,
73.6509

 71.3560, 88.5410,
73.6509


454.4895,
523.2733, 492.3988

 52.9163, 66.7712,
54.0133


120.1563,
145.3101, 126.1303

 37.9632, 48.8987,
38.2190


151.2476,
181.0782, 159.8091

 26.1312, 34.5391,
25.8496


187.2868,
222.2812, 199.0055

 17.0550, 23.3081,
16.4864

228.6393,
269.3035, 244.1379

 10.3693, 14.8212,
9.7109

275.6705,
322.5294, 295.6249

 5.7086, 8.6940,
5.1046

328.7457,

 2.7077, 4.5421,

382.3434, 353.8850

2.2490

388.2302,
449.1299, 419.3368

■ 1.0011, 1.9812,
0.7024

■ 0.0000, 0.5965,
0.0000

■ 71.3560, 88.5410,
73.6509

■ 71.3560, 88.5410,
73.6509

■ 62.5516, 84.2920,
60.1444

■ 81.6663, 93.5238,
89.1446

■ 55.1804, 80.7412,
48.5408

■ 93.5468, 99.2723,
106.6972

■ 49.1664, 77.8512,
38.7557

■ 95.0500, 100.0000,
108.9000

■ 44.4257, 75.5807,
30.6969

■ 40.8651, 73.8839,
24.2639

■ 38.3783, 72.7082,
19.3460

■ 36.8393, 71.9912,
15.8184

■ 36.1064, 71.6585,
13.7439

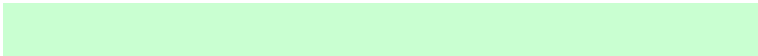
Harmonies

Analogous

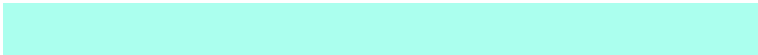
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0028, 88.5410, 61.0584



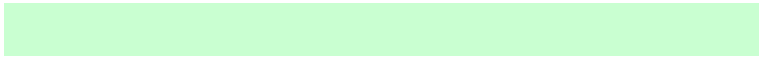
71.3560, 88.5410, 73.6509



69.1185, 88.5410, 94.2681

Triad

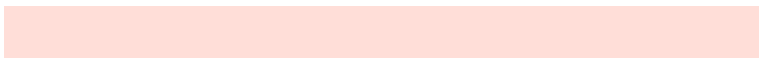
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3560, 88.5410, 73.6509



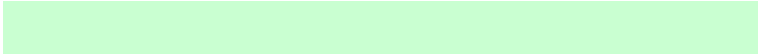
83.4057, 88.5410, 150.0020



99.2380, 88.5410, 76.8129

Complementary

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



71.3560, 88.5410, 73.6509



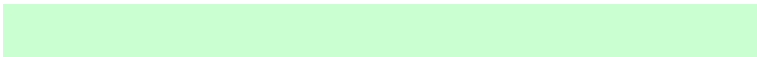
78.9153, 69.7492, 97.2987

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.



101.2291, 88.5410, 98.5761



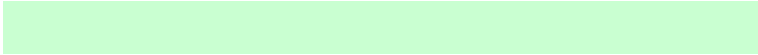
71.3560, 88.5410, 73.6509



91.7381, 88.5410, 143.2902

Square

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



71.3560, 88.5410, 73.6509



75.7816, 88.5410, 140.5031



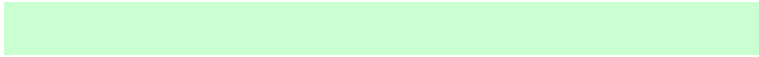
98.4009, 88.5410, 123.4230



93.1248, 88.5410, 62.6607

Rectangle

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



71.3560, 88.5410, 73.6509



69.7429, 88.5410, 110.7448



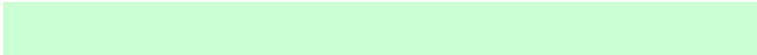
98.4009, 88.5410, 123.4230



100.4285, 88.5410, 83.3618

Sweetspot

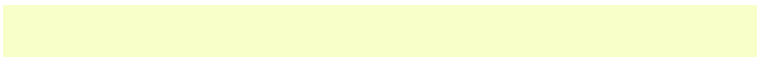
The Sweet Spot groups the original color and five complimentary colors.



71.3566, 88.5412, 73.6523



87.6155, 96.4016, 97.9679



84.9434, 95.6571, 69.2458



18.5876, 20.5537, 20.7243



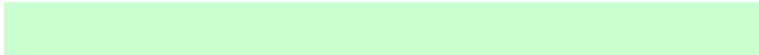
0.0000, 0.0000, 0.0000



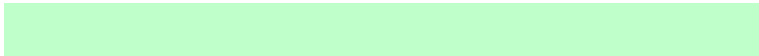
20.3446, 21.4041, 23.3091

Same Dimension

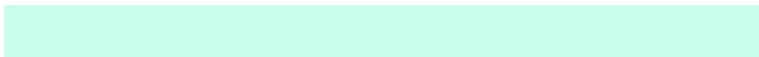
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3566, 88.5412, 73.6523



67.8156, 86.8315, 68.2567



74.8721, 89.9474, 92.1646



17.8812, 20.2120, 19.6775



18.8990, 37.4562, 7.3536



1.8711, 3.6594, 0.8790

Inverse Universe

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



78.9153, 69.7492, 97.2987



76.4916, 65.2572, 95.3949



75.1516, 68.2437, 77.4790



18.6701, 18.2514, 22.1461



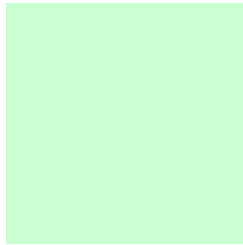
28.1518, 13.7500, 35.7797



2.7712, 1.3508, 3.6423

Previews

White Background



This preview shows how the XYZ color 71.3560, 88.5410, 73.6509 looks on a white background.

Color Contrast Check

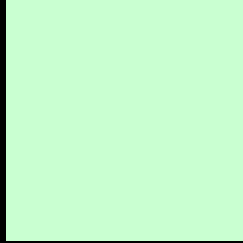
Large Text (above 18pt) WCAG AA × Fail

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 71.3560, 88.5410, 73.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

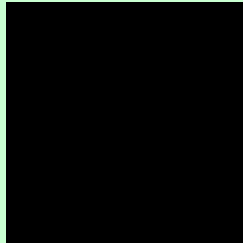
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

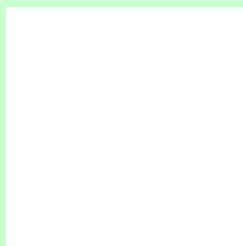
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3560, 88.5410, 73.6509

Background



This preview shows how black text looks on a background with the XYZ color 71.3560, 88.5410, 73.6509.



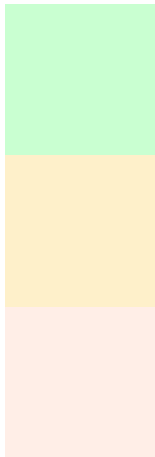
This preview shows how white text looks on a background with the XYZ color 71.3560, 88.5410,

73.6509.

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

71.3560, 88.5410, 73.6509

Protanopia

82.6938, 87.6553, 68.4378

Deuteranopia

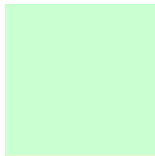
86.2383, 88.1786, 88.0762



Tritanopia

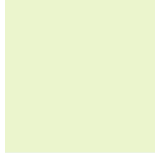
81.7647, 88.0901, 107.3014

Trichromacy



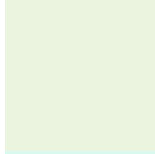
Original Color

71.3560, 88.5410, 73.6509



Protanomaly

77.9328, 87.3748, 70.5151



Deuteranomaly

79.9309, 87.6912, 82.5253



Tritanomaly

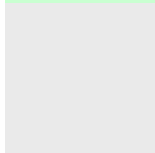
77.6153, 88.0596, 93.7954

Monochromacy



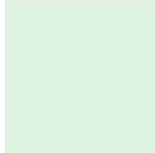
Original Color

71.3560, 88.5410, 73.6509



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.4669, 84.4701, 83.5610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3560, 88.5410, 73.6509 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(201, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 209)  
}
```

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(201, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.3560, 88.5410, 73.6509 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(201, 255, 209) }
```


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

```
.border{ border-color:rgb(201, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3560, 88.5410, 73.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 209) }
```

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

```
.background{ background-color: rgb(201,  
255, 209) }
```

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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