

Converting Colors

XYZ(71.9110, 88.6449, 81.9055)

Have a look what the booklet for
XYZ(71.9110, 88.6449, 81.9055)
contains.

XYZ(71.8371, 88.6108, 81.7240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.8371, 88.6108,
81.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFDD
RGB	197, 255, 221
RGB Percent	77%, 100%, 87%
CMY	0.2274, 0.0000, 0.1333
CMYK	0.23, 0.00, 0.13, 0.00
HSL	145°, 100%, 89%
HSV	145°, 23%, 100%
XYZ	71.8371, 88.6108, 81.7240
YIQ	233.7820, -23.6540, -22.8700

Conversions

Conversions Part 2

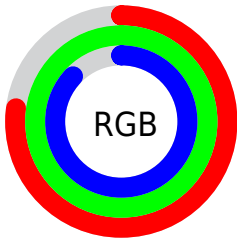
Format	Color
R _{YB}	197, 238, 255
Decimal	12976093
CIE _{Lab}	95.42, -24.80, 10.34
CIE _{LCh}	95, 26.868, 157.363
Yxy	88.6108, 0.2966, 0.3659
Android (android.graphics.Color)	4291166173 (0xFFC5FFDD)
YUV	233.7820, -6.3015, -32.2578
Hunter-Lab	94.1333, -28.5124, 14.4193

Details

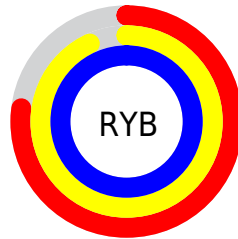
The XYZ color **71.8371, 88.6108, 81.7240** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.6304, 66.9628, 84.5401**, and the grayscale version is **78.1005, 82.1678, 89.4807**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.2323, 48.8921, 43.4985** is the 20% darker color. If you saturate the color by 10%, you get **63.8113, 84.6933, 71.4112**, and if you desaturate by 10%, it is **81.1712, 93.1822, 93.0265**.

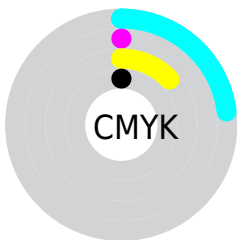
Distribution



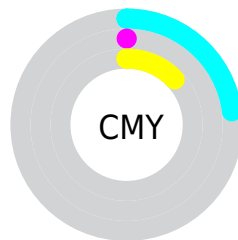
- Red (77%)
- Green (100%)
- Blue (87%)



- Red (77%)
- Yellow (93%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8371, 88.6108, 81.7240 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 71.8371, 88.6108, 81.7240 by changing the saturation by 10% instead.


 71.8371, 88.6108,
81.7240

 71.8371, 88.6108,
81.7240

456.1408,
523.5014, 520.5832

 53.3106, 66.8290,
60.6036


120.8370,
145.4072, 137.6201

 38.2793, 48.9457,
43.4768


152.0410,
181.1907, 173.2328

 26.3777, 34.5764,
29.9253


188.2017,
222.4101, 214.5134

 17.2406, 23.3368,
19.5303

229.6842,
269.4500, 261.8804

 10.5025, 14.8424,
11.8734

276.8541,
322.6946, 315.7524

 5.7982, 8.7088,
6.5360

330.0766,

 2.7623, 4.5518,

382.5285, 376.5478

3.0997

389.7170,
449.3360, 444.6852

■ 1.0293, 1.9867,
1.1457

■ 0.0000, 0.5998,
0.0000

■ 71.8371, 88.6108,
81.7240

■ 71.8371, 88.6108,
81.7240

■ 63.8113, 84.6933,
71.4112

■ 81.1712, 93.1822,
93.0265

■ 57.0301, 81.3974,
62.0570

■ 91.8685, 98.4354,
105.3402

■ 51.4277, 78.6899,
53.6347

■ 95.0500, 100.0000,
108.9000

■ 46.9311, 76.5336,
46.1146

■ 43.4588, 74.8871,
39.4655

■ 40.9169, 73.7028,
33.6543

■ 39.1927, 72.9230,
28.6450

■ 38.3367, 72.5507,
25.4887

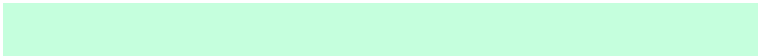
Harmonies

Analogous

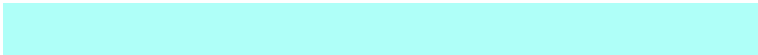
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9313, 88.6108, 67.7496



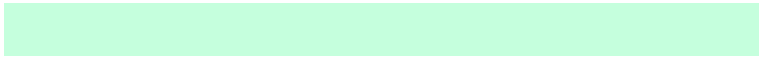
71.8371, 88.6108, 81.7240



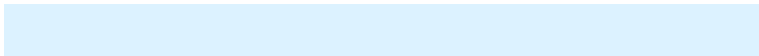
70.9661, 88.6108, 101.7641

Triad

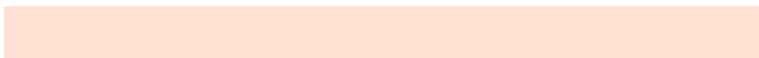
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8371, 88.6108, 81.7240



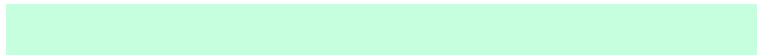
86.0466, 88.6108, 142.4593



95.9642, 88.6108, 73.9400

Complementary

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



71.8371, 88.6108, 81.7240



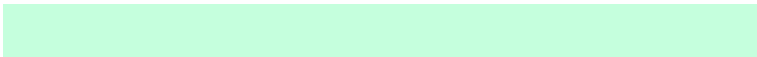
75.6304, 66.9628, 84.5401

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.



99.0335, 88.6108, 91.3861



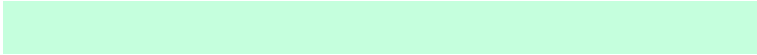
71.8371, 88.6108, 81.7240



93.0951, 88.6108, 132.3687

Square

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



71.8371, 88.6108, 81.7240



78.8975, 88.6108, 138.8786



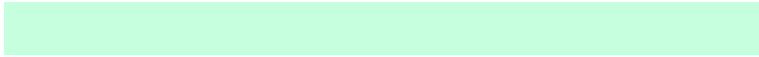
97.9541, 88.6108, 112.9178



89.7806, 88.6108, 63.7327

Rectangle

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



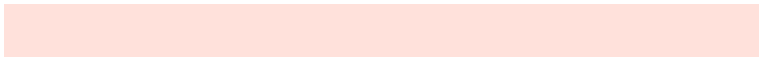
71.8371, 88.6108, 81.7240



72.2811, 88.6108, 116.3117



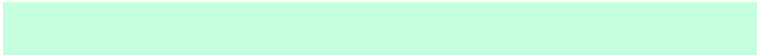
97.9541, 88.6108, 112.9178



97.4103, 88.6108, 79.0450

Sweetspot

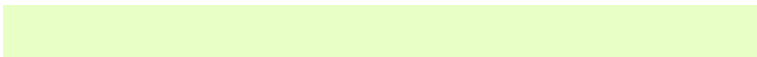
The Sweet Spot groups the original color and five complimentary colors.



71.8378, 88.6111, 81.7254



87.1459, 96.1147, 99.9746



79.0523, 92.6738, 66.5457



18.5138, 20.5042, 21.2390



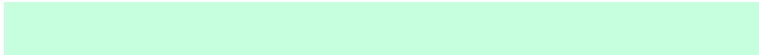
0.0000, 0.0000, 0.0000



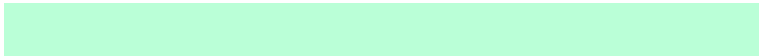
20.3446, 21.4041, 23.3091

Same Dimension

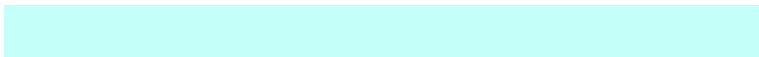
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8378, 88.6111, 81.7254



68.2658, 86.8657, 77.2170



75.9166, 90.2426, 103.2037



18.0833, 20.2928, 20.7414



20.1018, 37.9373, 13.6872



2.0101, 3.7150, 1.6108

Inverse Universe

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



75.6304, 66.9628, 84.5401



72.6280, 61.9600, 80.4500



71.9625, 65.4957, 65.2251



18.4561, 18.1657, 21.0188



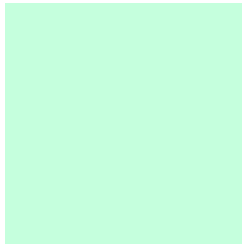
24.4795, 12.2811, 16.4413



2.4379, 1.2175, 1.8874

Previews

White Background



This preview shows how the XYZ color 71.8371, 88.6108, 81.7240 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 71.8371, 88.6108, 81.7240 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 71.8371, 88.6108, 81.7240

Background



This preview shows how black text looks on a background with the XYZ color 71.8371, 88.6108, 81.7240.



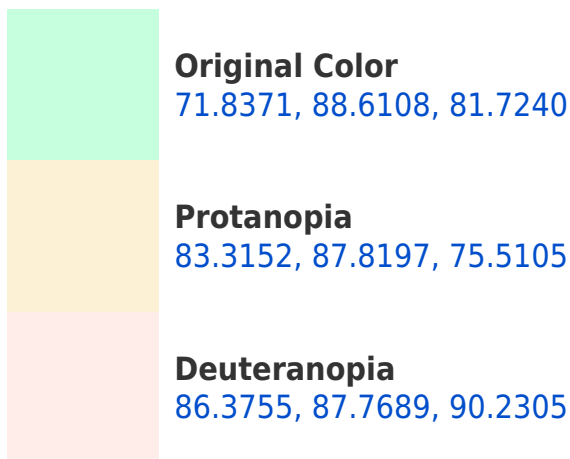
This preview shows how white text looks on a background with the XYZ color 71.8371, 88.6108,

81.7240.

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





Tritanopia

81.4429, 88.3721, 107.3728

Trichromacy



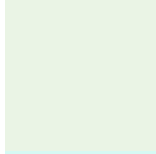
Original Color

71.8371, 88.6108, 81.7240



Protanomaly

78.3258, 87.4185, 77.7110



Deuteranomaly

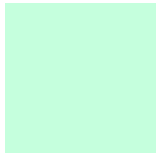
80.4252, 87.8509, 86.8468



Tritanomaly

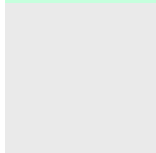
77.7849, 88.5186, 97.7801

Monochromacy



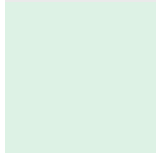
Original Color

71.8371, 88.6108, 81.7240



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.7138, 84.5336, 86.4548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8371, 88.6108, 81.7240 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(197, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 221)  
}
```

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(197, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.8371, 88.6108, 81.7240 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(197, 255, 221) }
```


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

```
.border{ border-color:rgb(197, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8371, 88.6108, 81.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 221) }
```

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

```
.background{ background-color: rgb(197,  
255, 221) }
```

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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