

Converting Colors

XYZ(70.5364, 88.1484, 72.2592)

Have a look what the booklet for
XYZ(70.5364, 88.1484, 72.2592)
contains.

XYZ(70.5757, 88.1671, 72.3297)	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(70.5757, 88.1671,
72.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFCF
RGB	199, 255, 207
RGB Percent	78%, 100%, 81%
CMY	0.2196, 0.0000, 0.1882
CMYK	0.22, 0.00, 0.19, 0.00
HSL	129°, 100%, 89%
HSV	129°, 22%, 100%
XYZ	70.5757, 88.1671, 72.3297
YIQ	232.7840, -17.9680, -26.8000

Conversions

Conversions Part 2

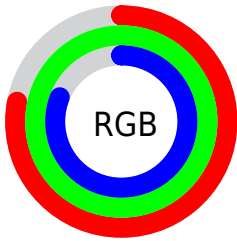
Format	Color
RYB	199, 248, 255
Decimal	13107151
CIELab	95.23, -26.68, 17.27
CIELCh	95, 31.779, 147.082
Yxy	88.1671, 0.3054, 0.3816
Android (android.graphics.Color)	4291297231 (0xFFC7FFCF)
YUV	232.7840, -12.7115, -29.6286
Hunter-Lab	93.8973, -30.1551, 20.0567

Details

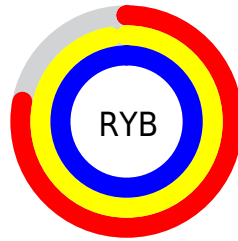
The XYZ color **70.5757, 88.1671, 72.3297** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.4522, 68.8230, 97.1446**, and the grayscale version is **77.3915, 81.4219, 88.6685**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4455, 48.6174, 37.5475** is the 20% darker color. If you saturate the color by 10%, you get **61.8770, 83.9705, 58.9260**, and if you desaturate by 10%, it is **80.7794, 93.0968, 87.7375**.

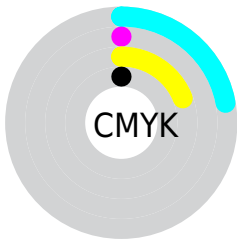
Distribution



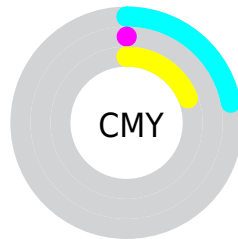
- Red (78%)
- Green (100%)
- Blue (81%)



- Red (78%)
- Yellow (97%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5757, 88.1671, 72.3297 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 70.5757, 88.1671, 72.3297 by changing the saturation by 10% instead.


 70.5757, 88.1671,
72.3297

 70.5757, 88.1671,
72.3297


451.8038,
522.0503, 487.6967

 52.2773, 66.4615,
52.9396


119.0512,
144.7898, 124.2372

 37.4513, 48.6471,
37.3671


149.9590,
180.4756, 157.5917

 25.7324, 34.3396,
25.1939


185.8006,
221.5903, 196.4381

 16.7552, 23.1546,
16.0012

226.9414,
268.5182, 241.1948

 10.1543, 14.7077,
9.3706

273.7468,
321.6438, 292.2805

 5.5644, 8.6145,
4.8836

326.5821,

 2.6202, 4.4906,

381.3514, 350.1137

2.1216

385.8126,
448.0254, 415.1129

■ 0.9563, 1.9516,
0.6286

■ 0.0000, 0.5791,
0.0000

■ 70.5757, 88.1671,
72.3297

■ 70.5757, 88.1671,
72.3297

■ 61.8770, 83.9705,
58.9260

■ 80.7794, 93.0968,
87.7375

■ 54.6098, 80.4708,
47.4402

■ 92.5527, 98.7914,
105.2227

■ 48.6972, 77.6303,
37.7855

■ 95.0500, 100.0000,
108.9000

■ 44.0544, 75.4072,
29.8674

■ 40.5868, 73.7552,
23.5826

■ 38.1865, 72.6208,
18.8168

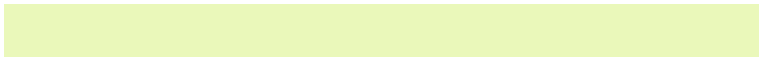
■ 36.7248, 71.9404,
15.4409

■ 36.0851, 71.6500,
13.6318

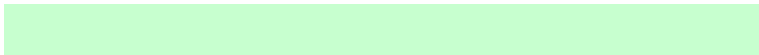
Harmonies

Analogous

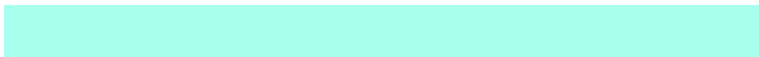
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4403, 88.1671, 59.4689



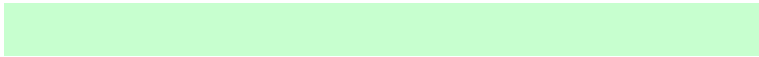
70.5757, 88.1671, 72.3297



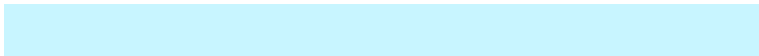
68.2354, 88.1671, 93.5902

Triad

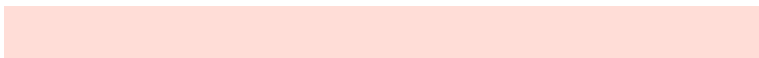
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5757, 88.1671, 72.3297



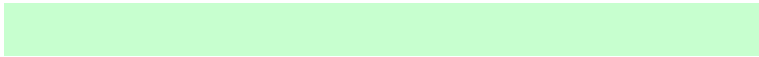
82.9548, 88.1671, 151.9836



99.5296, 88.1671, 75.8698

Complementary

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



70.5757, 88.1671, 72.3297



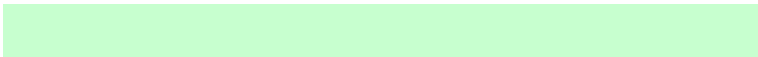
78.4522, 68.8230, 97.1446

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.



101.5683, 88.1671, 98.4487



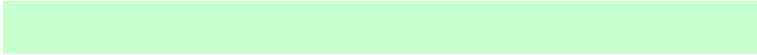
70.5757, 88.1671, 72.3297



91.6179, 88.1671, 145.0673

Square

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



70.5757, 88.1671, 72.3297



75.0668, 88.1671, 141.8918



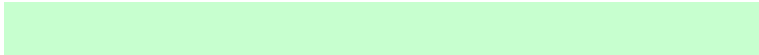
98.5813, 88.1671, 124.3392



93.1859, 88.1671, 61.2517

Rectangle

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



70.5757, 88.1671, 72.3297



68.8595, 88.1671, 110.7110



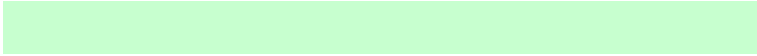
98.5813, 88.1671, 124.3392



100.7593, 88.1671, 82.6517

Sweetspot

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



70.5764, 88.1674, 72.3311



86.4188, 95.8238, 96.1459



84.6152, 95.5149, 68.0104



18.3458, 20.4370, 20.3542



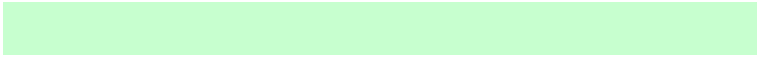
0.0000, 0.0000, 0.0000



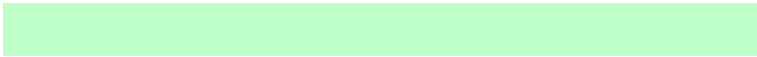
20.3446, 21.4041, 23.3091

Same Dimension

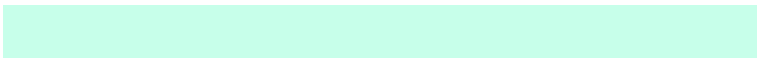
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5764, 88.1674, 72.3311



66.8848, 86.3857, 66.6792



74.2322, 89.6298, 91.5822



17.8773, 20.2104, 19.6566



18.8870, 37.4514, 7.2901



1.8692, 3.6586, 0.8692

Inverse Universe

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



78.4522, 68.8230, 97.1446



75.9353, 64.1511, 95.1894



74.5205, 67.2503, 76.4402



18.6745, 18.2531, 22.1690



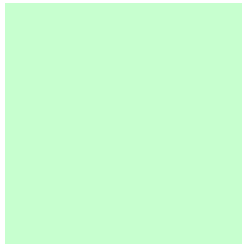
28.2430, 13.7865, 36.2595



2.7792, 1.3540, 3.6845

Previews

White Background



This preview shows how the XYZ color 70.5757, 88.1671, 72.3297 looks on a white background.

Color Contrast Check

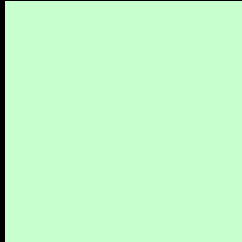
Large Text (above 18pt) WCAG AA × Fail

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 70.5757, 88.1671, 72.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

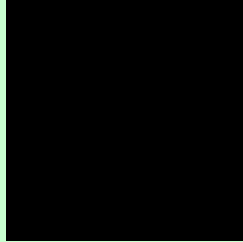
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

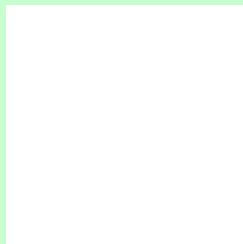
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5757, 88.1671, 72.3297

Background



This preview shows how black text looks on a background with the XYZ color 70.5757, 88.1671, 72.3297.



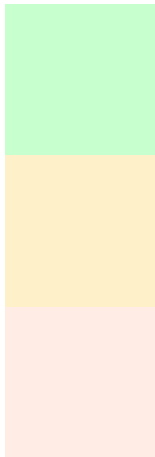
This preview shows how white text looks on a background with the XYZ color 70.5757, 88.1671,

72.3297.

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

70.5757, 88.1671, 72.3297

Protanopia

82.4585, 87.5611, 67.1985

Deuteranopia

85.6670, 87.4855, 86.5000



Tritanopia

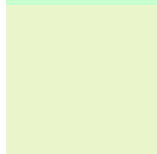
81.1412, 87.7687, 107.2722

Trichromacy



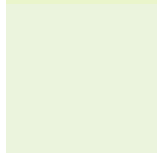
Original Color

70.5757, 88.1671, 72.3297



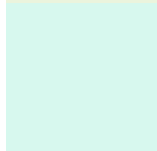
Protanomaly

77.3636, 87.1090, 69.2361



Deuteranomaly

79.6628, 87.5840, 81.1133



Tritanomaly

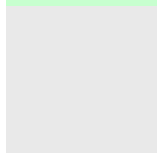
77.0243, 87.7549, 93.7677

Monochromacy



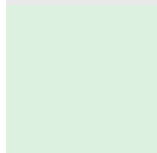
Original Color

70.5757, 88.1671, 72.3297



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.7286, 83.6646, 82.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5757, 88.1671, 72.3297 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(199, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 207)  
}
```

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(199, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.5757, 88.1671, 72.3297 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(199, 255, 207) }
```


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

```
.border{ border-color:rgb(199, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5757, 88.1671, 72.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 207) }
```

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

```
.background{ background-color: rgb(199,  
255, 207) }
```

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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