

Converting Colors

XYZ(72.4270, 88.5336, 70.6633)

Have a look what the booklet for
XYZ(72.4270, 88.5336, 70.6633)
contains.

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Color

**XYZ(72.3533, 88.6532,
70.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FECC
RGB	208, 254, 204
RGB Percent	82%, 100%, 80%
CMY	0.1843, 0.0039, 0.2000
CMYK	0.18, 0.00, 0.20, 0.00
HSL	115°, 96%, 90%
HSV	115°, 20%, 100%
XYZ	72.3533, 88.6532, 70.4251
YIQ	234.5460, -11.3660, -25.3020

Conversions

Conversions Part 2

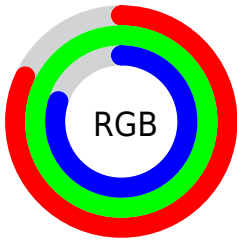
Format	Color
RYB	204, 254, 250
Decimal	13696716
CIELab	95.44, -23.79, 19.17
CIELCh	95, 30.548, 141.139
Yxy	88.6532, 0.3126, 0.3831
Android (android.graphics.Color)	4291886796 (0xFFD0FECC)
YUV	234.5460, -15.0592, -23.2808
Hunter-Lab	94.1558, -27.6058, 21.5623

Details

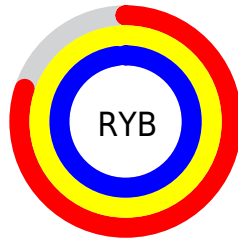
The XYZ color **72.3533, 88.6532, 70.4251** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.9104, 70.6681, 103.2519**, and the grayscale version is **78.7395, 82.8401, 90.2129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6081, 48.9068, 36.2593** is the 20% darker color. If you saturate the color by 10%, you get **63.4589, 84.3943, 55.3820**, and if you desaturate by 10%, it is **82.7174, 93.6175, 88.1342**.

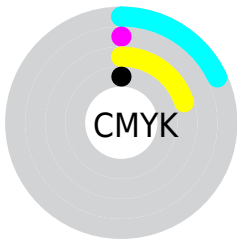
Distribution



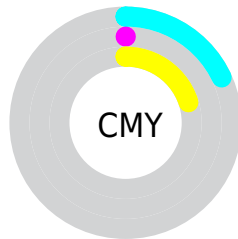
- Red (82%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3533, 88.6532, 70.4251 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 72.3533, 88.6532, 70.4251 by changing the saturation by 10% instead.

 72.3533, 88.6532,
70.4251

 72.3533, 88.6532,
70.4251


457.9089,
523.6400, 480.8706

 53.7338, 66.8642,
51.3942


121.5668,
145.4662, 121.5016

 38.6187, 48.9742,
36.1435


152.8915,
181.2590, 154.3843

 26.6426, 34.5990,
24.2545


189.1820,
222.4884, 192.7213

 17.4402, 23.3542,
15.3086

230.8037,
269.5390, 236.9312

 10.6461, 14.8553,
8.8872

278.1219,
322.7950, 287.4326

 5.8949, 8.7179,
4.5719

331.5019,

 2.8213, 4.5576,

382.6409, 344.6439

1.9440

391.3091,
449.4611, 408.9837

■ 1.0600, 1.9901,
0.5205

■ 0.0000, 0.6017,
0.0000

■ 72.3533, 88.6532,
70.4251

■ 72.3533, 88.6532,
70.4251

■ 63.4589, 84.3943,
55.3820

■ 82.7174, 93.6175,
88.1342

■ 55.9609, 80.7981,
42.8703

94.6061, 99.3051,
108.6233

■ 49.7904, 77.8346,
32.7526

94.7336, 99.3672,
108.7945

■ 44.8696, 75.4671,
24.8763

■ 41.1128, 73.6550,
19.0710

■ 38.4234, 72.3528,
15.1420

■ 36.6890, 71.5074,
12.8575

■ 35.7582, 71.0489,
11.8521

■ 35.7385, 71.0392,
11.8283

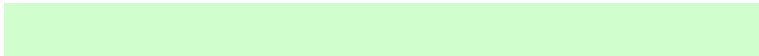
Harmonies

Analogous

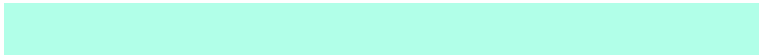
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5964, 88.6532, 59.6370



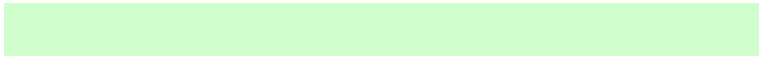
72.3533, 88.6532, 70.4251



69.3544, 88.6532, 89.6078

Triad

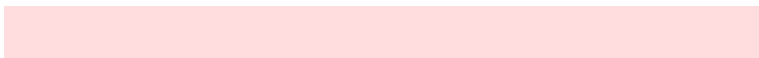
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3533, 88.6532, 70.4251



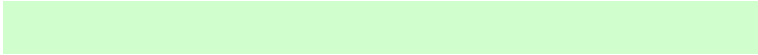
81.8098, 88.6532, 149.5434



100.1645, 88.6532, 80.8577

Complementary

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



72.3533, 88.6532, 70.4251



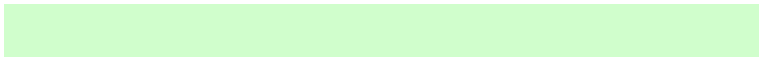
78.9104, 70.6681, 103.2519

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.



101.1665, 88.6532, 103.7961



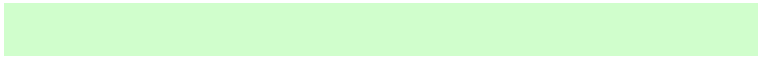
72.3533, 88.6532, 70.4251



90.1940, 88.6532, 146.1569

Square

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



72.3533, 88.6532, 70.4251



74.5721, 88.6532, 137.0026



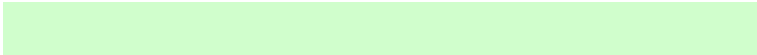
97.4110, 88.6532, 128.3955



94.7574, 88.6532, 64.9314

Rectangle

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



72.3533, 88.6532, 70.4251



69.4519, 88.6532, 105.6991



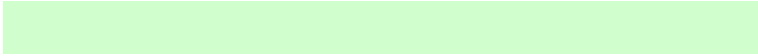
97.4110, 88.6532, 128.3955



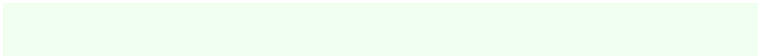
101.0412, 88.6532, 87.9039

Sweetspot

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



72.3557, 88.6570, 70.4270



87.6932, 96.4808, 96.2053



85.9099, 93.7026, 70.6866



18.6059, 20.5723, 20.3095



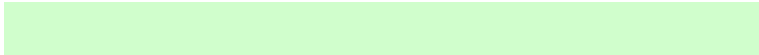
0.0000, 0.0000, 0.0000



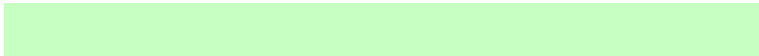
20.3446, 21.4041, 23.3091

Same Dimension

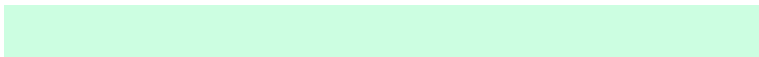
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3557, 88.6570, 70.4270



68.9473, 87.5064, 64.1778



73.9144, 89.1522, 84.4300



17.9061, 20.2375, 19.1068



18.8872, 37.4748, 6.2379



1.8831, 3.6716, 0.6094

Inverse Universe

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



78.9104, 70.6681, 103.2519



76.7595, 66.0581, 103.3126



77.2009, 70.1516, 86.6905



18.6409, 18.2221, 22.7847



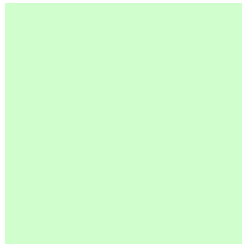
27.3259, 12.9975, 50.5031



2.7014, 1.2865, 4.9192

Previews

White Background



This preview shows how the XYZ color 72.3533, 88.6532, 70.4251 looks on a white background.

Color Contrast Check

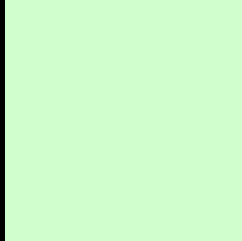
Large Text (above 18pt) WCAG AA × Fail

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 72.3533, 88.6532, 70.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

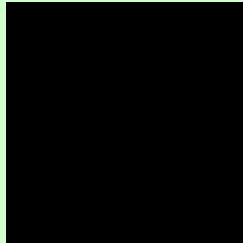
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

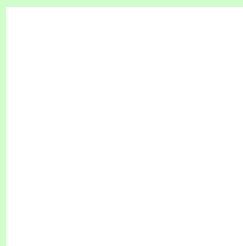
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3533, 88.6532, 70.4251

Background



This preview shows how black text looks on a background with the XYZ color 72.3533, 88.6532, 70.4251.



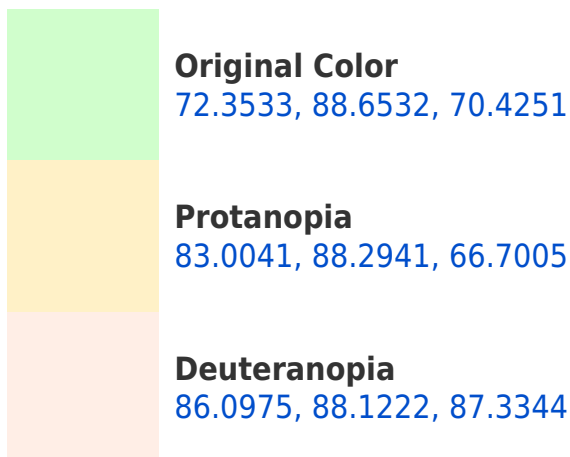
This preview shows how white text looks on a background with the XYZ color 72.3533, 88.6532,

70.4251.

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

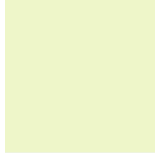
82.7138, 88.5794, 107.3458

Trichromacy



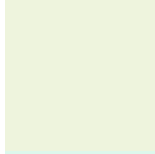
Original Color

72.3533, 88.6532, 70.4251



Protanomaly

78.7583, 88.3057, 68.1520



Deuteranomaly

80.6617, 88.0990, 81.1601



Tritanomaly

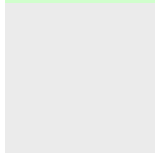
78.5265, 88.5631, 92.3125

Monochromacy



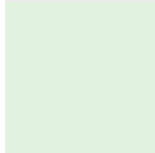
Original Color

72.3533, 88.6532, 70.4251



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.2580, 84.8936, 82.8879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3533, 88.6532, 70.4251 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(208, 254, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 254, 204)  
}
```

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(208, 254, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 254, 204) }
```

Border

The CSS property to change the border of an element to XYZ 72.3533, 88.6532, 70.4251 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(208, 254, 204) }
```


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

```
.border{ border-color:rgb(208, 254, 204) }
```

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

Here you see how a box with a 4 pixel rgb(208, 254, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 254, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 254, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 254,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3533, 88.6532, 70.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 254, 204) }
```

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

```
.background{ background-color: rgb(208,  
254, 204) }
```

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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