

Converting Colors

XYZ(71.8695, 87.0779, 72.5155)

Have a look what the booklet for
XYZ(71.8695, 87.0779, 72.5155)
contains.

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Color

**XYZ(71.8948, 86.9583,
72.6699)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FBF0
RGB	208, 251, 208
RGB Percent	82%, 98%, 82%
CMY	0.1843, 0.0157, 0.1843
CMYK	0.17, 0.00, 0.17, 0.02
HSL	120°, 84%, 90%
HSV	120°, 17%, 98%
XYZ	71.8948, 86.9583, 72.6699
YIQ	233.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

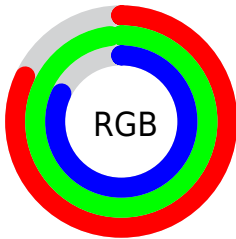
Format	Color
RYB	208, 251, 251
Decimal	13695952
CIELab	94.72, -21.67, 16.12
CIELCh	95, 27.008, 143.365
Yxy	86.9583, 0.3105, 0.3756
Android (android.graphics.Color)	4291886032 (0xFFD0FBD0)
YUV	233.2410, -12.4438, -22.1364
Hunter-Lab	93.2514, -25.5704, 19.0719

Details

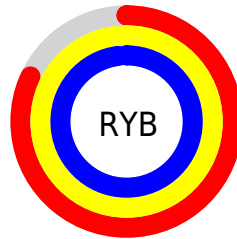
The XYZ color **71.8948, 86.9583, 72.6699** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.7552, 72.5881, 101.0781**, and the grayscale version is **77.7328, 81.7809, 89.0595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2614, 47.6890, 37.7602** is the 20% darker color. If you saturate the color by 10%, you get **62.5408, 82.4677, 57.3678**, and if you desaturate by 10%, it is **82.8591, 92.2276, 90.6020**.

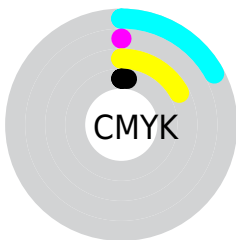
Distribution



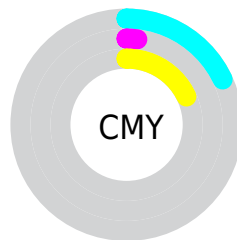
- Red (82%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8948, 86.9583, 72.6699 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 71.8948, 86.9583, 72.6699 by changing the saturation by 10% instead.

 71.8948, 86.9583,
72.6699

 71.8948, 86.9583,
72.6699


456.3387,
518.0858, 488.9100

 53.3579, 65.4607,
53.2159


120.9186,
143.1060, 124.7250

 38.3172, 47.8347,
37.5863


152.1361,
178.5249, 158.1633

 26.4073, 33.6960,
25.3624


188.3113,
219.3530, 197.1000

 17.2629, 22.6602,
16.1258

229.8094,
265.9748, 241.9538

 10.5185, 14.3428,
9.4579

276.9959,
318.7745, 293.1431

 5.8090, 8.3595,
4.9402

330.2360,

 2.7688, 4.3258,

378.1367, 351.0866

2.1541

389.8951,
444.4457, 416.2027

■ 1.0327, 1.8574,
0.6477

■ 0.0000, 0.5226,
0.0000

■ 71.8948, 86.9583,
72.6699

■ 71.8948, 86.9583,
72.6699

■ 62.5408, 82.4677,
57.3678

■ 82.8591, 92.2276,
90.6020

■ 54.7147, 78.7084,
44.5668

■ 93.7889, 97.4777,
108.4796

■ 48.3374, 75.6451,
34.1356

■ 43.3202, 73.2350,
25.9289

■ 39.5642, 71.4308,
19.7852

■ 36.9576, 70.1787,
15.5215

■ 35.3686, 69.4155,
12.9224

■ 34.6284, 69.0599,
11.7116

■ 34.4989, 68.9977,
11.4997

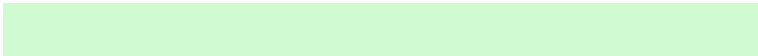
Harmonies

Analogous

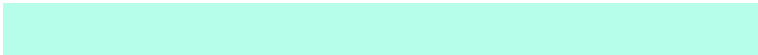
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2104, 86.9583, 62.3751



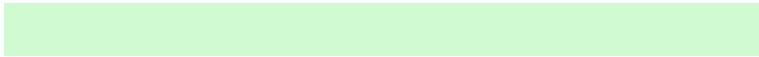
71.8948, 86.9583, 72.6699



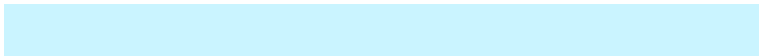
69.4819, 86.9583, 90.1146

Triad

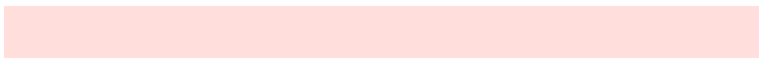
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8948, 86.9583, 72.6699



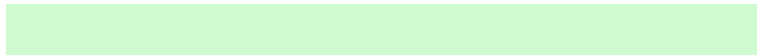
81.0404, 86.9583, 140.4731



96.2136, 86.9583, 79.6230

Complementary

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



71.8948, 86.9583, 72.6699



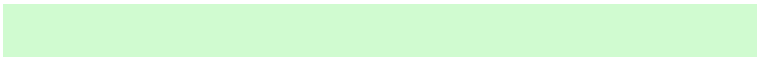
79.7552, 72.5881, 101.0781

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.



97.3876, 86.9583, 99.4028



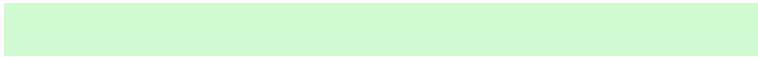
71.8948, 86.9583, 72.6699



88.3419, 86.9583, 136.5733

Square

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



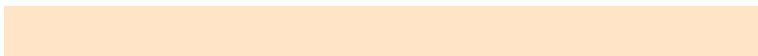
71.8948, 86.9583, 72.6699



74.5576, 86.9583, 130.7304



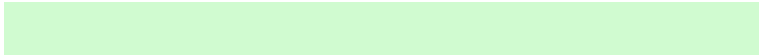
94.4304, 86.9583, 120.7448



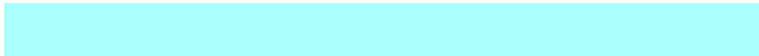
91.3105, 86.9583, 65.9574

Rectangle

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



71.8948, 86.9583, 72.6699



69.7370, 86.9583, 104.2789



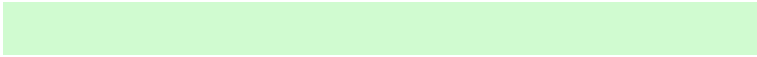
94.4304, 86.9583, 120.7448



97.0689, 86.9583, 85.6942

Sweetspot

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



71.8971, 86.9620, 72.6718



88.5284, 96.8674, 98.2328



85.6698, 94.0621, 73.3160



18.7601, 20.6430, 20.7174



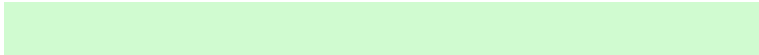
0.0000, 0.0000, 0.0000



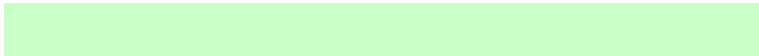
20.3446, 21.4041, 23.3091

Same Dimension

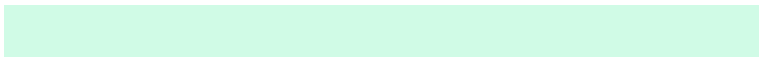
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8971, 86.9620, 72.6718



70.5643, 88.2383, 68.8492



74.7250, 88.0931, 87.5631



17.0175, 19.3093, 18.2926



18.1331, 36.2663, 6.0444



1.6794, 3.3589, 0.5598

Inverse Universe

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



79.7552, 72.5881, 101.0781



80.2816, 70.4634, 103.9767



76.5551, 71.3080, 84.2268



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 71.8948, 86.9583, 72.6699 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 71.8948, 86.9583, 72.6699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

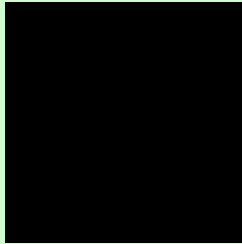
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

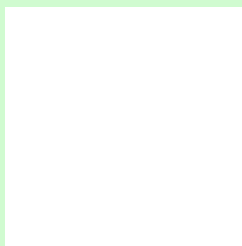
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8948, 86.9583, 72.6699

Background



This preview shows how black text looks on a background with the XYZ color 71.8948, 86.9583, 72.6699.



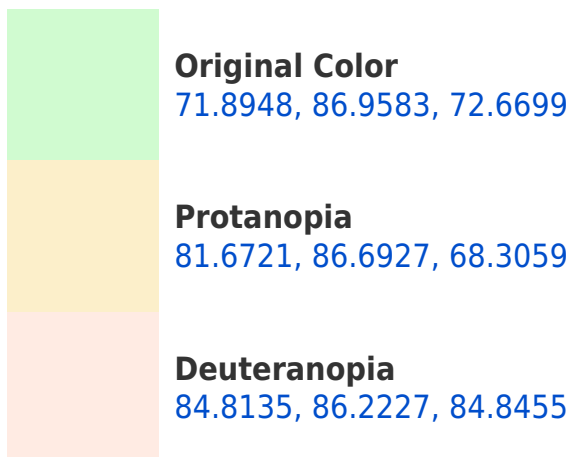
This preview shows how white text looks on a background with the XYZ color 71.8948, 86.9583,

72.6699.

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

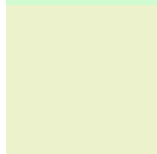
80.8535, 86.7318, 107.0872

Trichromacy



Original Color

71.8948, 86.9583, 72.6699



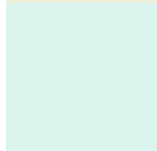
Protanomaly

77.5417, 86.2937, 69.6962



Deuteranomaly

79.6335, 86.2550, 80.1619



Tritanomaly

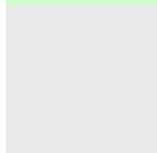
77.2984, 86.5379, 93.5183

Monochromacy



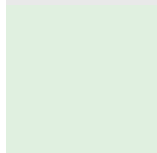
Original Color

71.8948, 86.9583, 72.6699



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.3551, 83.5493, 82.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8948, 86.9583, 72.6699 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, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 208)  
}
```

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, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.8948, 86.9583, 72.6699 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, 251, 208) }
```


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

```
.border{ border-color:rgb(208, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8948, 86.9583, 72.6699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 208) }
```

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

```
.background{ background-color: rgb(208,  
251, 208) }
```

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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