

Converting Colors

XYZ(72.7639, 89.3713, 68.9922)

Have a look what the booklet for
XYZ(72.7639, 89.3713, 68.9922)
contains.

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Color

**XYZ(72.7152, 89.3396,
69.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFCA
RGB	209, 255, 202
RGB Percent	82%, 100%, 79%
CMY	0.1804, 0.0000, 0.2078
CMYK	0.18, 0.00, 0.21, 0.00
HSL	112°, 100%, 90%
HSV	112°, 21%, 100%
XYZ	72.7152, 89.3396, 69.2889
YIQ	235.2040, -10.4030, -26.2350

Conversions

Conversions Part 2

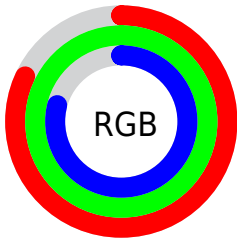
Format	Color
R_{YB}	202, 255, 248
Decimal	13762506
CIE _{Lab}	95.72, -24.26, 20.60
CIE _{LCh}	96, 31.827, 139.672
Yxy	89.3396, 0.3143, 0.3862
Android (android.graphics.Color)	4291952586 (0xFFD1FFCA)
YUV	235.2040, -16.3696, -22.9809
Hunter-Lab	94.5196, -28.0869, 22.7004

Details

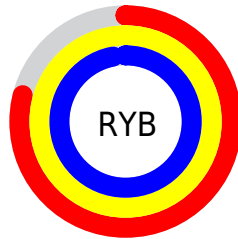
The XYZ color **72.7152, 89.3396, 69.2889** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.8828, 69.4187, 103.9020**, and the grayscale version is **79.2470, 83.3741, 90.7943**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8658, 49.3963, 35.5030** is the 20% darker color. If you saturate the color by 10%, you get **64.1077, 85.2228, 54.4061**, and if you desaturate by 10%, it is **82.6927, 94.1050, 86.8427**.

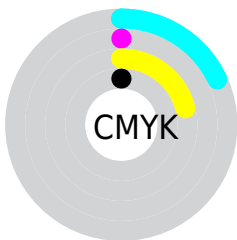
Distribution



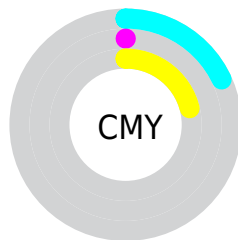
- Red (82%)
- Green (100%)
- Blue (79%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7152, 89.3396, 69.2889 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 72.7152, 89.3396, 69.2889 by changing the saturation by 10% instead.


 72.7152, 89.3396,
69.2889

 72.7152, 89.3396,
69.2889


459.1462,
525.8803, 476.7707

 54.0307, 67.4330,
50.4738


122.0781,
146.4207, 119.8657

 38.8569, 49.4366,
35.4162


153.4872,
182.3641, 152.4645

 26.8287, 34.9660,
23.6975


189.8686,
223.7552, 190.4949

 17.5805, 23.6367,
14.8993

231.5875,
270.9784, 234.3756

 10.7471, 15.0643,
8.6029

279.0094,
324.4181, 284.5249

 5.9631, 8.8645,
4.3898

332.4996,

 2.8631, 4.6529,

384.4587, 341.3615

1.8415

392.4234,
451.4846, 405.3040

■ 1.0818, 2.0451,
0.4552

■ 0.0098, 0.6335,
0.0000

■ 72.7152, 89.3396,
69.2889

■ 72.7152, 89.3396,
69.2889

■ 64.1077, 85.2228,
54.4061

■ 82.6927, 94.1050,
86.8427

■ 56.8084, 81.7256,
42.0596

■ 94.0949, 99.5446,
107.1850

■ 50.7531, 78.8179,
32.1091

■ 95.0500, 100.0000,
108.9000

■ 45.8717, 76.4670,
24.3991

■ 42.0867, 74.6368,
18.7558

■ 39.3114, 73.2868,
14.9798

■ 37.4451, 72.3702,
12.8325

■ 36.4091, 71.8546,
11.9504

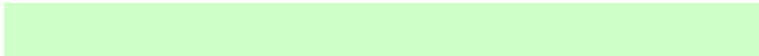
Harmonies

Analogous

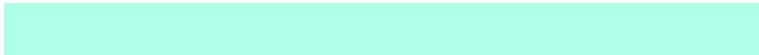
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3720, 89.3396, 58.5699



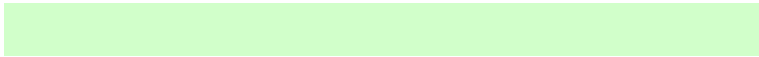
72.7152, 89.3396, 69.2889



69.4047, 89.3396, 88.8849

Triad

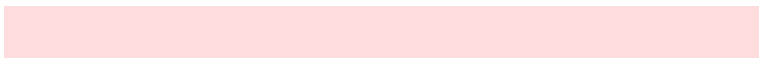
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7152, 89.3396, 69.2889



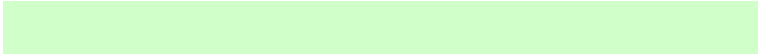
81.9319, 89.3396, 152.8409



101.7753, 89.3396, 81.9296

Complementary

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



72.7152, 89.3396, 69.2889



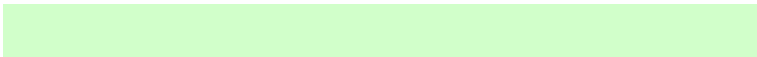
77.8828, 69.4187, 103.9020

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.



102.5784, 89.3396, 106.1784



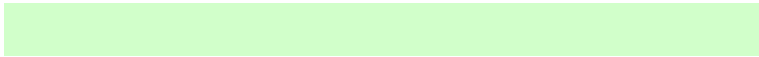
72.7152, 89.3396, 69.2889



90.7095, 89.3396, 150.1094

Square

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



72.7152, 89.3396, 69.2889



74.4783, 89.3396, 138.8595



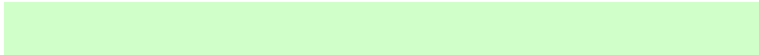
98.4074, 89.3396, 131.9356



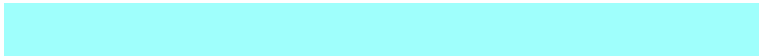
96.2830, 89.3396, 64.9523

Rectangle

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



72.7152, 89.3396, 69.2889



69.3755, 89.3396, 105.6040



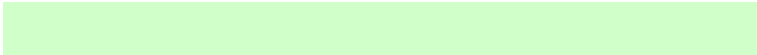
98.4074, 89.3396, 131.9356



102.6163, 89.3396, 89.3971

Sweetspot

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



72.7158, 89.3399, 69.2903



87.9657, 96.6213, 96.2181



85.4479, 92.6184, 69.2520



18.6700, 20.6054, 20.3125



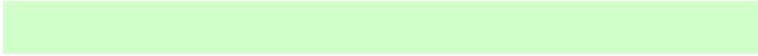
0.0000, 0.0000, 0.0000



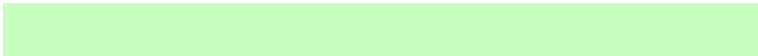
20.3446, 21.4041, 23.3091

Same Dimension

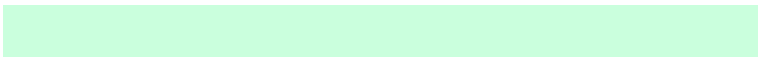
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7158, 89.3399, 69.2903



68.9226, 87.5265, 62.6963



73.2269, 89.3205, 82.0918



17.9945, 20.2831, 19.1109



19.0926, 37.5807, 6.2475



1.9247, 3.6930, 0.6114

Inverse Universe

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



77.8828, 69.4187, 103.9020



74.9455, 64.2888, 103.0667



77.4386, 69.5331, 88.3676



18.5428, 18.1716, 22.7801



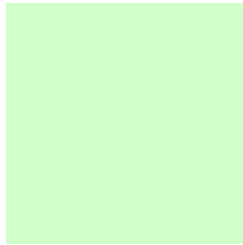
25.1559, 11.8788, 50.4016



2.5120, 1.1889, 4.9104

Previews

White Background



This preview shows how the XYZ color 72.7152, 89.3396, 69.2889 looks on a white background.

Color Contrast Check

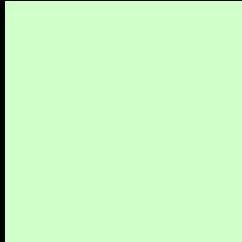
Large Text (above 18pt) WCAG AA × Fail

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 72.7152, 89.3396, 69.2889 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

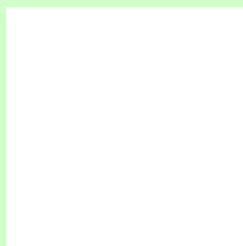
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7152, 89.3396, 69.2889

Background



This preview shows how black text looks on a background with the XYZ color 72.7152, 89.3396, 69.2889.



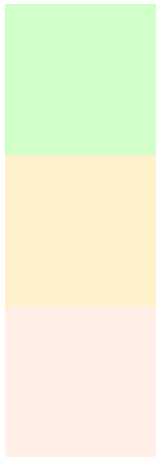
This preview shows how white text looks on a background with the XYZ color 72.7152, 89.3396,

69.2889.

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

72.7152, 89.3396, 69.2889

Protanopia

83.6528, 89.0285, 68.6524

Deuteranopia

86.5303, 88.7625, 88.1735



Tritanopia

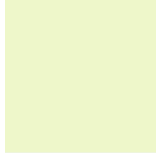
83.3557, 88.9103, 107.3758

Trichromacy



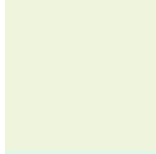
Original Color

72.7152, 89.3396, 69.2889



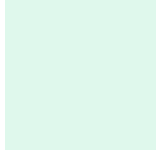
Protanomaly

79.1813, 88.9629, 68.8754



Deuteranomaly

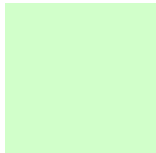
80.8306, 88.6493, 80.5609



Tritanomaly

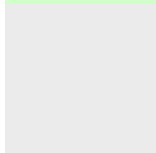
79.1391, 88.8789, 92.3411

Monochromacy



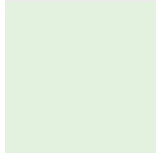
Original Color

72.7152, 89.3396, 69.2889



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4354, 85.0007, 82.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7152, 89.3396, 69.2889 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(209, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 202)  
}
```

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(209, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 72.7152, 89.3396, 69.2889 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(209, 255, 202) }
```


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

```
.border{ border-color:rgb(209, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7152, 89.3396, 69.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 202) }
```

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

```
.background{ background-color: rgb(209,  
255, 202) }
```

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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