

Converting Colors

XYZ(77.5973, 100.0000,
71.3135)

Have a look what the booklet for
XYZ(77.5973, 100.0000, 71.3135)
contains.

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Color

**XYZ(72.1528, 89.0497,
69.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFCA
RGB	207, 255, 202
RGB Percent	81%, 100%, 79%
CMY	0.1882, 0.0000, 0.2078
CMYK	0.19, 0.00, 0.21, 0.00
HSL	114°, 100%, 90%
HSV	114°, 21%, 100%
XYZ	72.1528, 89.0497, 69.2626
YIQ	234.6060, -11.5950, -26.6590

Conversions

Conversions Part 2

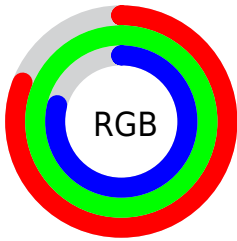
Format	Color
R _Y B	202, 255, 250
Decimal	13631434
CIE Lab	95.60, -24.92, 20.41
CIE LCh	96, 32.215, 140.686
Yxy	89.0497, 0.3131, 0.3864
Android (android.graphics.Color)	4291821514 (0xFFCFFCA)
YUV	234.6060, -16.0748, -24.2105
Hunter-Lab	94.3661, -28.6588, 22.5388

Details

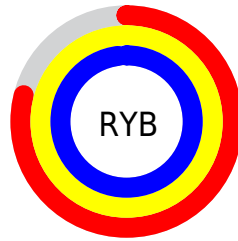
The XYZ color **72.1528, 89.0497, 69.2626** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.5958, 69.7863, 103.9354**, and the grayscale version is **78.7902, 82.8934, 90.2709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4883, 49.2017, 35.4853** is the 20% darker color. If you saturate the color by 10%, you get **63.3910, 84.8533, 54.3726**, and if you desaturate by 10%, it is **82.3585, 93.9327, 86.8271**.

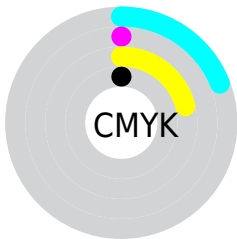
Distribution



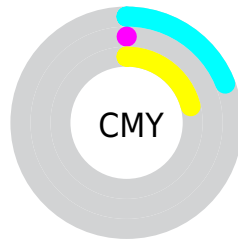
- Red (81%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1528, 89.0497, 69.2626 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 72.1528, 89.0497, 69.2626 by changing the saturation by 10% instead.


 72.1528, 89.0497,
69.2626

 72.1528, 89.0497,
69.2626


457.2226,
524.9347, 476.6756

 53.5694, 67.1927,
50.4525


121.2834,
146.0177, 119.8278

 38.4868, 49.2413,
35.3994


152.5613,
181.8975, 152.4200

 26.5397, 34.8109,
23.6847


188.8014,
223.2204, 190.4433

 17.3626, 23.5173,
14.8898

230.3691,
270.3707, 234.3163

 10.5903, 14.9759,
8.5964

277.6297,
323.7329, 284.4575

 5.8573, 8.8025,
4.3857

330.9486,

 2.7983, 4.6126,

383.6914, 341.2854

1.8392

390.6911,
450.6305, 405.2186

■ 1.0480, 2.0218,
0.4536

■ 0.0000, 0.6201,
0.0000

■ 72.1528, 89.0497,
69.2626

■ 72.1528, 89.0497,
69.2626

■ 63.3910, 84.8533,
54.3726

■ 82.3585, 93.9327,
86.8271

■ 56.0061, 81.3120,
42.0220

■ 94.0674, 99.5304,
107.1838

■ 49.9283, 78.3927,
32.0705

■ 95.0500, 100.0000,
108.9000

■ 45.0810, 76.0594,
24.3621

■ 41.3796, 74.2723,
18.7227

■ 38.7286, 72.9863,
14.9525

■ 37.0169, 72.1495,
12.8125

■ 36.1379, 71.7148,
11.9377

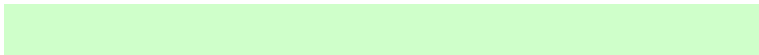
Harmonies

Analogous

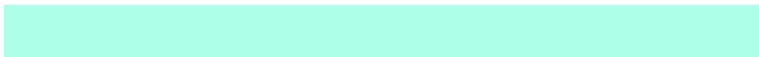
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7732, 89.0497, 58.1635



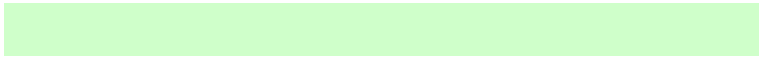
72.1528, 89.0497, 69.2626



68.9433, 89.0497, 89.2900

Triad

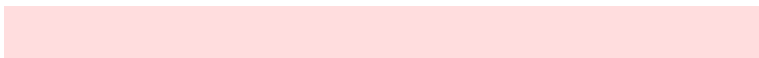
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1528, 89.0497, 69.2626



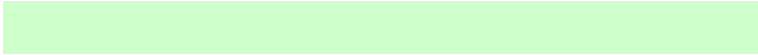
81.9167, 89.0497, 153.3946



101.5647, 89.0497, 80.7543

Complementary

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



72.1528, 89.0497, 69.2626



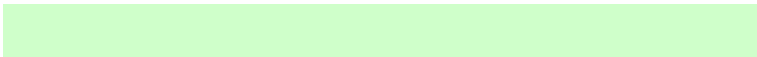
78.5958, 69.7863, 103.9354

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.



102.5527, 89.0497, 105.0571



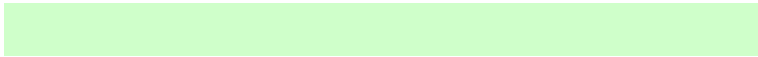
72.1528, 89.0497, 69.2626



90.7891, 89.0497, 150.0284

Square

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



72.1528, 89.0497, 69.2626



74.3162, 89.0497, 139.7295



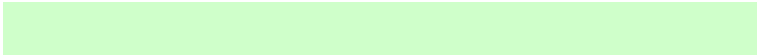
98.4886, 89.0497, 131.2030



95.8761, 89.0497, 63.9516

Rectangle

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



72.1528, 89.0497, 69.2626



69.0050, 89.0497, 106.2735



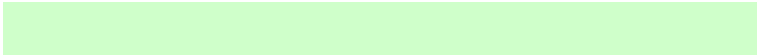
98.4886, 89.0497, 131.2030



102.4724, 89.0497, 88.2071

Sweetspot

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



72.1534, 89.0499, 69.2640



87.7682, 96.5194, 96.2088



85.9935, 93.7094, 69.4339



18.6235, 20.5814, 20.3103



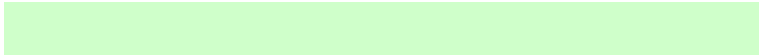
0.0000, 0.0000, 0.0000



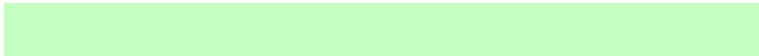
20.3446, 21.4041, 23.3091

Same Dimension

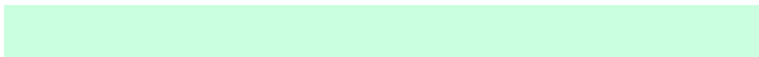
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1534, 89.0499, 69.2640



68.2864, 87.1985, 62.6665



73.4642, 89.4154, 83.3414



17.9304, 20.2500, 19.1079



18.9356, 37.4997, 6.2402



1.8946, 3.6775, 0.6100

Inverse Universe

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



78.5958, 69.7863, 103.9354



75.7976, 64.7281, 103.1065



77.1837, 69.4312, 87.0255



18.6138, 18.2082, 22.7834



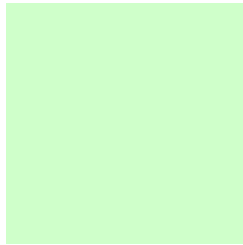
26.7117, 12.6809, 50.4744



2.6480, 1.2590, 4.9167

Previews

White Background



This preview shows how the XYZ color 72.1528, 89.0497, 69.2626 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 72.1528, 89.0497, 69.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

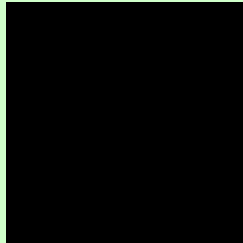
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

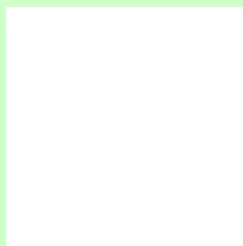
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1528, 89.0497, 69.2626

Background



This preview shows how black text looks on a background with the XYZ color 72.1528, 89.0497, 69.2626.



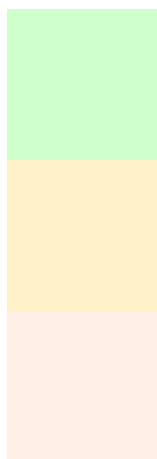
This preview shows how white text looks on a background with the XYZ color 72.1528, 89.0497,

69.2626.

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

72.1528, 89.0497, 69.2626

Protanopia

83.1206, 88.3407, 67.3141

Deuteranopia

86.3894, 88.7062, 87.4317



Tritanopia

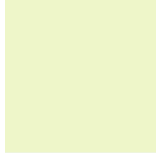
82.7138, 88.5794, 107.3458

Trichromacy



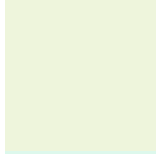
Original Color

72.1528, 89.0497, 69.2626



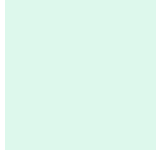
Protanomaly

78.7583, 88.3057, 68.1520



Deuteranomaly

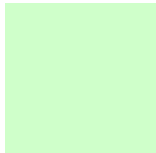
80.8306, 88.6493, 80.5609



Tritanomaly

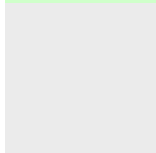
78.5265, 88.5631, 92.3125

Monochromacy



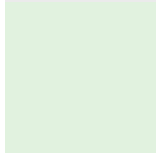
Original Color

72.1528, 89.0497, 69.2626



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.1228, 84.8395, 82.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1528, 89.0497, 69.2626 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(207, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 72.1528, 89.0497, 69.2626 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(207, 255, 202) }
```


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

```
.border{ border-color:rgb(207, 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(207, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1528, 89.0497, 69.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 202) }
```

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

```
.background{ background-color: rgb(207,  
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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