

Converting Colors

XYZ(82.4858, 109.3091,
74.3153)

Have a look what the booklet for
XYZ(82.4858, 109.3091, 74.3153)
contains.

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Color

**XYZ(72.5116, 89.1932,
71.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFLCD
RGB	207, 255, 205
RGB Percent	81%, 100%, 80%
CMY	0.1882, 0.0000, 0.1961
CMYK	0.19, 0.00, 0.20, 0.00
HSL	118°, 100%, 90%
HSV	118°, 20%, 100%
XYZ	72.5116, 89.1932, 71.1518
YIQ	234.9480, -12.5580, -25.7260

Conversions

Conversions Part 2

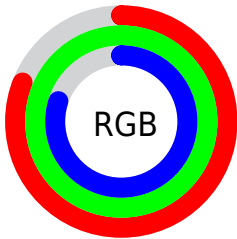
Format	Color
R _Y B	205, 255, 253
Decimal	13631437
CIE Lab	95.66, -24.43, 18.96
CIE LCh	96, 30.924, 142.177
Yxy	89.1932, 0.3114, 0.3830
Android (android.graphics.Color)	4291821517 (0xFFCFFCD)
YUV	234.9480, -14.7644, -24.5104
Hunter-Lab	94.4422, -28.2235, 21.4410

Details

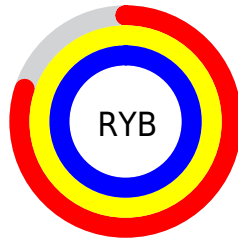
The XYZ color **72.5116, 89.1932, 71.1518** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.3901, 71.7664, 104.2230**, and the grayscale version is **79.0413, 83.1576, 90.5586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7289, 49.2979, 36.7524** is the 20% darker color. If you saturate the color by 10%, you get **63.3623, 84.8037, 55.9437**, and if you desaturate by 10%, it is **83.2243, 94.3306, 89.0543**.

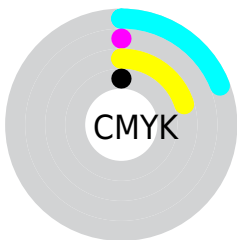
Distribution



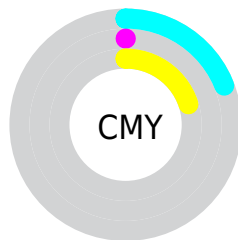
- Red (81%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5116, 89.1932, 71.1518 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 72.5116, 89.1932, 71.1518 by changing the saturation by 10% instead.


 72.5116, 89.1932,
71.1518

 72.5116, 89.1932,
71.1518


458.4504,
525.4029, 483.4819

 53.8637, 67.3117,
51.9835


121.7905,
146.2172, 122.5463

 38.7229, 49.3380,
36.6098


153.1521,
182.1285, 155.6096

 26.7240, 34.8877,
24.6121


189.4824,
223.4851, 194.1416

 17.5015, 23.5763,
15.5719

231.1466,
270.6716, 238.5610

 10.6902, 15.0197,
9.0707

278.5102,
324.0722, 289.2861

 5.9247, 8.8332,
4.6899

331.9384,

 2.8396, 4.6325,

384.0713, 346.7356

2.0109

391.7967,
451.0534, 411.3280

■ 1.0695, 2.0333,
0.5620

■ 0.0000, 0.6267,
0.0000

■ 72.5116, 89.1932,
71.1518

■ 72.5116, 89.1932,
71.1518

■ 63.3623, 84.8037,
55.9437

■ 83.2243, 94.3306,
89.0543

■ 55.7015, 81.1264,
43.2959

95.0500, 100.0000,
108.9000

■ 49.4510, 78.1241,
33.0689

■ 44.5248, 75.7556,
25.1081

■ 40.8275, 73.9756,
19.2414

■ 38.2506, 72.7323,
15.2718

■ 36.6672, 71.9655,
12.9651

■ 35.9056, 71.5944,
11.9555

■ 35.8876, 71.5858,
11.9260

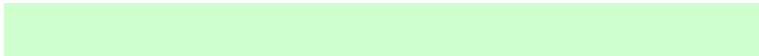
Harmonies

Analogous

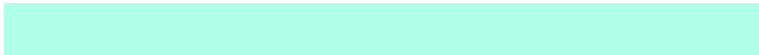
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7556, 89.1932, 59.9057



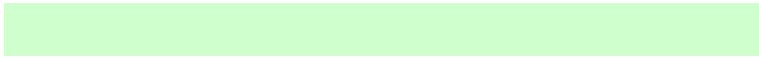
72.5116, 89.1932, 71.1518



69.5952, 89.1932, 90.8845

Triad

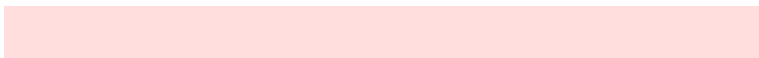
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5116, 89.1932, 71.1518



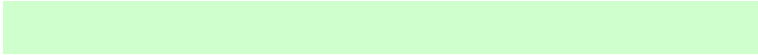
82.5706, 89.1932, 151.2495



100.8258, 89.1932, 80.5003

Complementary

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



72.5116, 89.1932, 71.1518



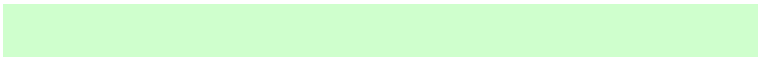
80.3901, 71.7664, 104.2230

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.



102.0167, 89.1932, 103.6265



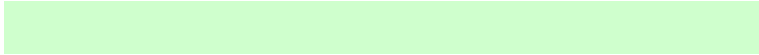
72.5116, 89.1932, 71.1518



91.0945, 89.1932, 147.2194

Square

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



72.5116, 89.1932, 71.1518



75.1444, 89.1932, 138.9724



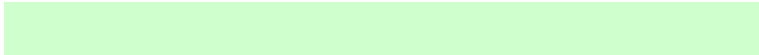
98.3496, 89.1932, 128.7344



95.1961, 89.1932, 64.6411

Rectangle

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



72.5116, 89.1932, 71.1518



69.7844, 89.1932, 107.3260



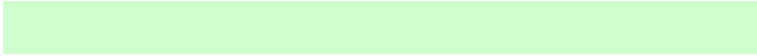
98.3496, 89.1932, 128.7344



101.7730, 89.1932, 87.5754

Sweetspot

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



72.5122, 89.1935, 71.1532



87.4848, 96.3733, 96.1956



87.2274, 95.6032, 71.6148



18.5568, 20.5471, 20.3072



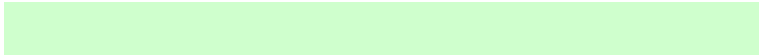
0.0000, 0.0000, 0.0000



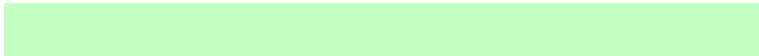
20.3446, 21.4041, 23.3091

Same Dimension

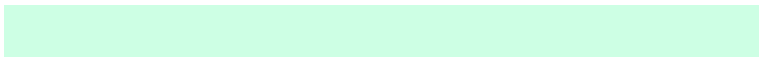
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5122, 89.1935, 71.1532



68.3045, 87.1750, 64.1477



74.8718, 90.0732, 86.4759



17.8387, 20.2028, 19.1037



18.7811, 37.4201, 6.2329



1.8512, 3.6551, 0.6079

Inverse Universe

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



80.3901, 71.7664, 104.2230



77.6426, 66.5134, 103.3539



77.7086, 70.7783, 86.2834



18.7166, 18.2612, 22.7882



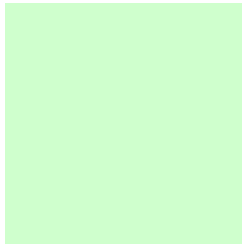
29.1035, 13.9139, 50.5863



2.8552, 1.3658, 4.9264

Previews

White Background



This preview shows how the XYZ color 72.5116, 89.1932, 71.1518 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 72.5116, 89.1932, 71.1518 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

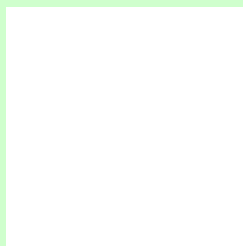
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5116, 89.1932, 71.1518

Background



This preview shows how black text looks on a background with the XYZ color 72.5116, 89.1932, 71.1518.



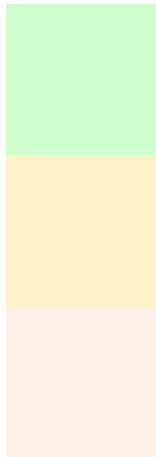
This preview shows how white text looks on a background with the XYZ color 72.5116, 89.1932,

71.1518.

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

72.5116, 89.1932, 71.1518

Protanopia

83.3560, 88.4349, 68.5534

Deuteranopia

86.5303, 88.7625, 88.1735



Tritanopia

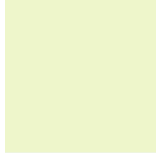
83.0338, 88.7444, 107.3608

Trichromacy



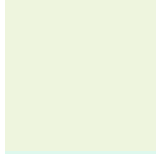
Original Color

72.5116, 89.1932, 71.1518



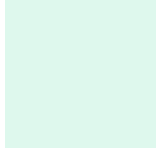
Protanomaly

78.9952, 88.4005, 69.3994



Deuteranomaly

81.0971, 88.7559, 81.9646



Tritanomaly

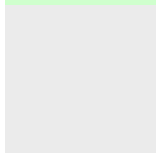
78.9777, 88.7788, 93.0942

Monochromacy



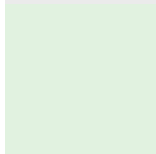
Original Color

72.5116, 89.1932, 71.1518



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 72.5116, 89.1932, 71.1518 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.5116, 89.1932, 71.1518 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, 205) }
```


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

```
.border{ border-color:rgb(207, 255, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5116, 89.1932, 71.1518 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, 205) }
```

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

```
.background{ background-color: rgb(207,  
255, 205) }
```

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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