

Converting Colors

XYZ(72.7191, 89.0765, 81.2681)

Have a look what the booklet for
XYZ(72.7191, 89.0765, 81.2681)
contains.

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Color

**XYZ(72.7657, 89.1048,
81.0739)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C9FFDC |
| RGB | 201, 255, 220 |
| RGB Percent | 79%, 100%, 86% |
| CMY | 0.2118, 0.0000, 0.1372 |
| CMYK | 0.21, 0.00, 0.14, 0.00 |
| HSL | 141°, 100%, 89% |
| HSV | 141°, 21%, 100% |
| XYZ | 72.7657, 89.1048, 81.0739 |
| YIQ | 234.8640, -20.9490, -22.3330 |

Conversions

Conversions Part 2

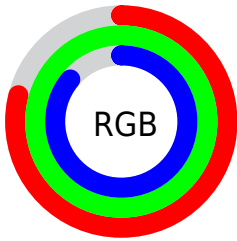
| Format | Color |
|-------------------------------------|--------------------------------|
| R_YB | 201, 241, 255 |
| Decimal | 13238236 |
| CIE _{Lab} | 95.62, -23.74, 11.18 |
| CIE _{LCh} | 96, 26.237, 154.776 |
| Yxy | 89.1048, 0.2995, 0.3668 |
| Android (android.graphics.Color) | 4291428316 (0xFFC9FFDC) |
| YUV | 234.8640, -7.3280, -29.6987 |
| Hunter-Lab | 94.3953, -27.5931, 15.1540 |

Details

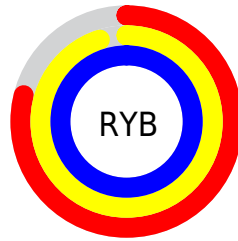
The XYZ color **72.7657, 89.1048, 81.0739** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.2675, 69.0904, 88.6203**, and the grayscale version is **78.9273, 83.0376, 90.4280**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8397, 49.2158, 43.0498** is the 20% darker color. If you saturate the color by 10%, you get **64.3882, 85.0266, 69.8150**, and if you desaturate by 10%, it is **82.4991, 93.8570, 93.5288**.

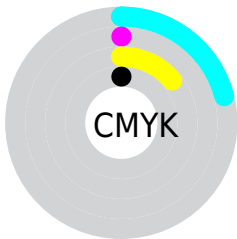
Distribution



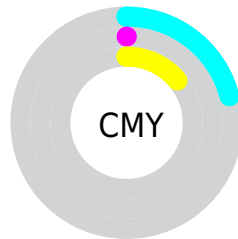
- Red (79%)
- Green (100%)
- Blue (86%)



- Red (79%)
- Yellow (95%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (21%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7657, 89.1048, 81.0739 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 72.7657, 89.1048, 81.0739 by changing the saturation by 10% instead.


 72.7657, 89.1048,
81.0739

 72.7657, 89.1048,
81.0739

459.3187,
525.1145, 518.3465

 54.0721, 67.2384,
60.0711


122.1495,
146.0943, 136.6995

 38.8902, 49.2784,
43.0503


153.5703,
181.9862, 172.1595

 26.8547, 34.8404,
29.5929

189.9643,
223.3220, 213.2755

 17.6001, 23.5399,
19.2803

231.6968,
270.4862, 260.4662

 10.7612, 14.9927,
11.6942

279.1331,
323.8632, 314.1501

 5.9726, 8.8143,
6.4158

332.6387,

 2.8689, 4.6202,

383.8373, 374.7458

3.0267

392.5787,
450.7929, 442.6717

■ 1.0848, 2.0262,
1.1083

■ 0.0124, 0.6226,
0.0000

■ 72.7657, 89.1048,
81.0739

■ 72.7657, 89.1048,
81.0739

■ 64.3882, 85.0266,
69.8150

■ 82.4991, 93.8570,
93.5288

■ 57.3020, 81.5898,
59.7122

■ 93.6443, 99.3113,
107.2095

■ 51.4404, 78.7608,
50.7298

■ 95.0500, 100.0000,
108.9000

■ 46.7296, 76.5023,
42.8282

■ 43.0874, 74.7728,
35.9659

■ 40.4202, 73.5249,
30.0982

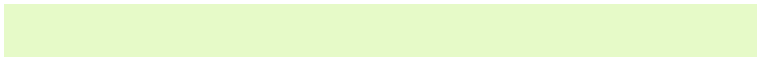
■ 38.6165, 72.7021,
25.1769

■ 37.5938, 72.2535,
21.5766

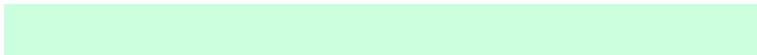
Harmonies

Analogous

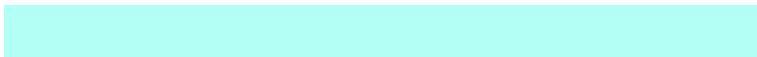
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0322, 89.1048, 67.9413



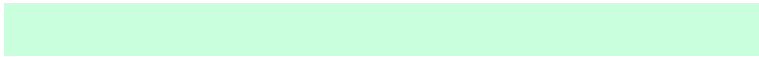
72.7657, 89.1048, 81.0739



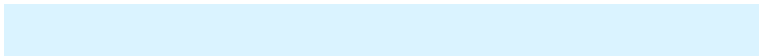
71.6213, 89.1048, 100.3617

Triad

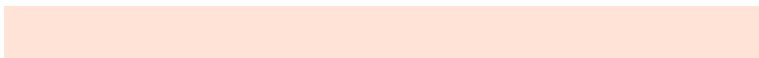
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7657, 89.1048, 81.0739



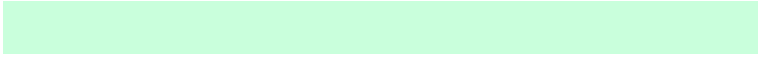
85.8504, 89.1048, 142.1768



96.5890, 89.1048, 76.1020

Complementary

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



72.7657, 89.1048, 81.0739



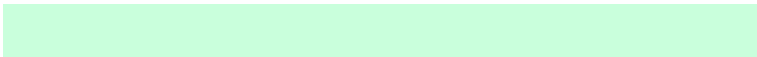
77.2675, 69.0904, 88.6203

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.



99.2621, 89.1048, 93.7533



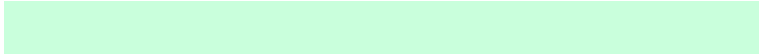
72.7657, 89.1048, 81.0739



92.8423, 89.1048, 133.3978

Square

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



72.7657, 89.1048, 81.0739



78.9233, 89.1048, 137.5251



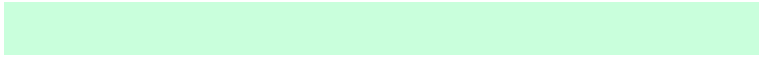
97.8538, 89.1048, 114.9308



90.7340, 89.1048, 65.3689

Rectangle

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



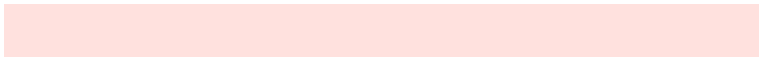
72.7657, 89.1048, 81.0739



72.7244, 89.1048, 114.6170



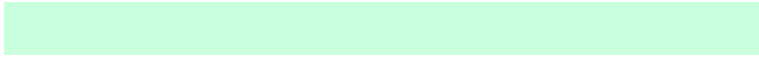
97.8538, 89.1048, 114.9308



97.9041, 89.1048, 81.3231

Sweetspot

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



72.7665, 89.1052, 81.0753



88.0876, 96.5905, 100.4542



80.9284, 93.5873, 69.0584



18.6989, 20.5983, 21.3103



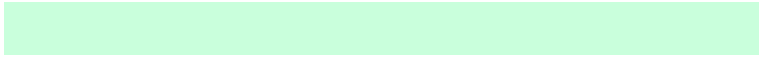
0.0000, 0.0000, 0.0000



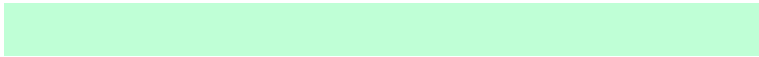
20.3446, 21.4041, 23.3091

Same Dimension

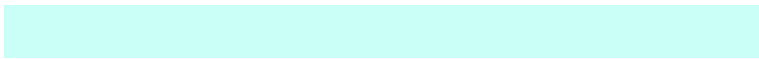
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7665, 89.1052, 81.0753



69.4057, 87.4676, 76.6300



76.6211, 90.6470, 101.3733



18.0355, 20.2737, 20.4899



19.7073, 37.7795, 11.6100



1.9683, 3.6983, 1.3911

Inverse Universe

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



77.2675, 69.0904, 88.6203



74.5718, 64.4893, 85.2855



73.6484, 67.6427, 69.5623



18.5053, 18.1854, 21.2782



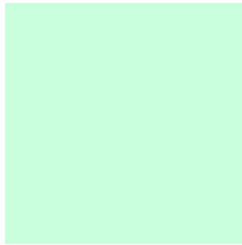
25.1841, 12.5629, 20.1518



2.5040, 1.2440, 2.2352

Previews

White Background



This preview shows how the XYZ color 72.7657, 89.1048, 81.0739 looks on a white background.

Color Contrast Check

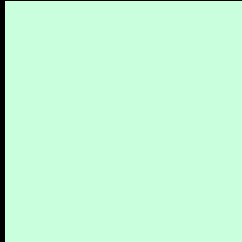
Large Text (above 18pt) WCAG AA × Fail

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 72.7657, 89.1048, 81.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

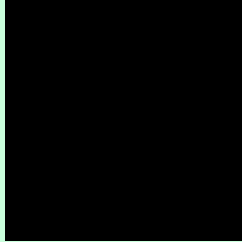
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

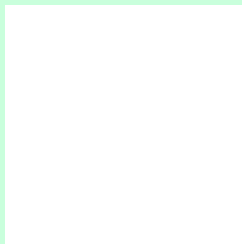
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7657, 89.1048, 81.0739

Background



This preview shows how black text looks on a background with the XYZ color 72.7657, 89.1048, 81.0739.

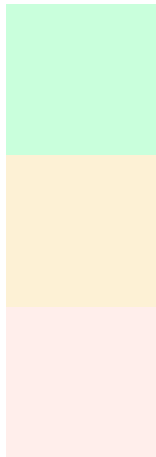


This preview shows how white text looks on a background with the XYZ color 72.7657, 89.1048,

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

72.7657, 89.1048, 81.0739

Protanopia

83.9736, 88.5973, 75.6259

Deuteranopia

86.8099, 88.4072, 91.0862



Tritanopia

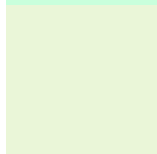
82.3810, 88.8557, 107.4167

Trichromacy



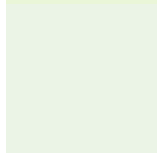
Original Color

72.7657, 89.1048, 81.0739



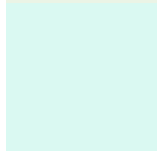
Protanomaly

79.2821, 88.3618, 77.8427



Deuteranomaly

80.8946, 88.0767, 87.5998



Tritanomaly

78.8161, 89.0676, 97.0421

Monochromacy



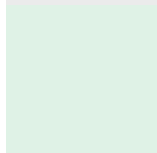
Original Color

72.7657, 89.1048, 81.0739



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4665, 84.9054, 87.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7657, 89.1048, 81.0739 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(201, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 220)  
}
```

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(201, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.7657, 89.1048, 81.0739 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(201, 255, 220) }
```


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

```
.border{ border-color:rgb(201, 255, 220) }
```

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

Here you see how a box with a 4 pixel rgb(201, 255, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7657, 89.1048, 81.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 220) }
```

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

```
.background{ background-color: rgb(201,  
255, 220) }
```

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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