

Converting Colors

XYZ(67.9515, 81.4689, 73.4906)

Have a look what the booklet for
XYZ(67.9515, 81.4689, 73.4906)
contains.

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Color

**XYZ(67.8959, 81.2218,
73.7269)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F3D3
RGB	201, 243, 211
RGB Percent	79%, 95%, 83%
CMY	0.2118, 0.0470, 0.1725
CMYK	0.17, 0.00, 0.13, 0.05
HSL	134°, 64%, 87%
HSV	134°, 17%, 95%
XYZ	67.8959, 81.2218, 73.7269
YIQ	226.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

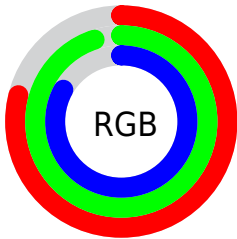
Format	Color
R_{YB}	201, 235, 243
Decimal	13235155
CIE _{Lab}	92.23, -19.55, 10.98
CIE _{LCh}	92, 22.419, 150.677
Yxy	81.2218, 0.3047, 0.3645
Android (android.graphics.Color)	4291425235 (0xFFC9F3D3)
YUV	226.7940, -7.7864, -22.6213
Hunter-Lab	90.1231, -23.2393, 14.5829

Details

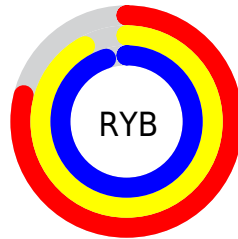
The XYZ color **67.8959, 81.2218, 73.7269** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.5597, 66.7132, 86.1472**, and the grayscale version is **72.9283, 76.7262, 83.5549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8037, 44.1440, 38.0861** is the 20% darker color. If you saturate the color by 10%, you get **59.6841, 77.2437, 61.9163**, and if you desaturate by 10%, it is **77.4130, 85.8465, 86.9977**.

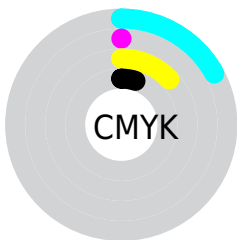
Distribution



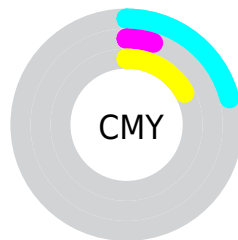
- Red (79%)
- Green (95%)
- Blue (83%)



- Red (79%)
- Yellow (92%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8959, 81.2218, 73.7269 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 67.8959, 81.2218, 73.7269 by changing the saturation by 10% instead.

67.8959, 81.2218,
73.7269

67.8959, 81.2218,
73.7269

442.5096,
499.0409, 492.6684

50.0864, 60.7243,
54.0751

115.2459,
135.0822, 126.2391

35.7001, 44.0027,
38.2681

145.5172,
169.2138, 159.9365

24.3717, 30.6726,
25.8874

180.6731,
208.6589, 199.1529

15.7358, 20.3497,
16.5144

221.0790,
253.8020, 244.3069

9.4271, 12.6495,
9.7306

267.1002,
305.0273, 295.8168

5.0801, 7.1876,
5.1175

319.1022,

2.3296, 3.5797,

362.7193, 354.1014

2.2564

377.4502,
427.2624, 419.5791

■ 0.8097, 1.4414,
0.7066

■ 0.0000, 0.2469,
0.0000

■ 67.8959, 81.2218,
73.7269

■ 67.8959, 81.2218,
73.7269

■ 59.6841, 77.2437,
61.9163

■ 77.4130, 85.8465,
86.9977

■ 52.7134, 73.8733,
51.5106

■ 88.2826, 91.1342,
101.7707

■ 46.9241, 71.0831,
42.4590

■ 91.3421, 92.5842,
107.6640

■ 42.2490, 68.8398,
34.7056

■ 38.6137, 67.1061,
28.1903

■ 35.9345, 65.8405,
22.8486

■ 34.1142, 64.9940,
18.6098

■ 33.0286, 64.5043,
15.3950

■ 32.8121, 64.4082,
14.6862

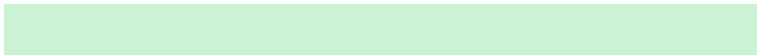
Harmonies

Analogous

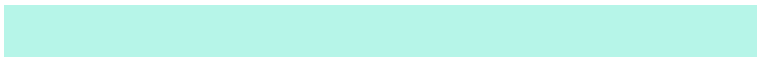
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6585, 81.2218, 63.7574



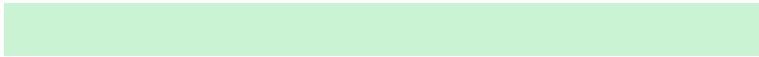
67.8959, 81.2218, 73.7269



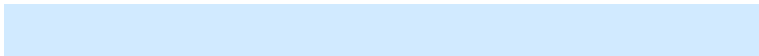
66.5960, 81.2218, 88.8140

Triad

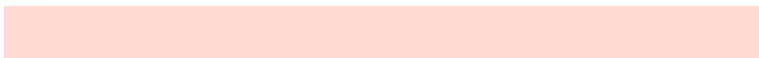
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8959, 81.2218, 73.7269



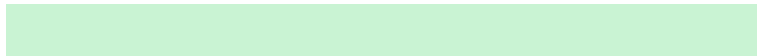
77.3305, 81.2218, 124.2922



87.1723, 81.2218, 73.1505

Complementary

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



67.8959, 81.2218, 73.7269



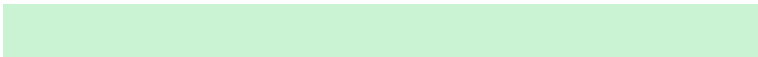
72.5597, 66.7132, 86.1472

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.



88.8714, 81.2218, 88.0606



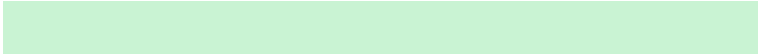
67.8959, 81.2218, 73.7269



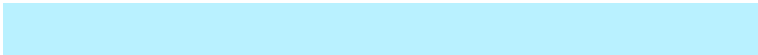
83.0177, 81.2218, 118.7816

Square

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



67.8959, 81.2218, 73.7269



71.8755, 81.2218, 119.2408



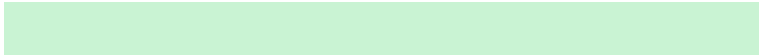
87.3151, 81.2218, 104.9835



82.7788, 81.2218, 63.4550

Rectangle

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



67.8959, 81.2218, 73.7269



67.2471, 81.2218, 100.1762



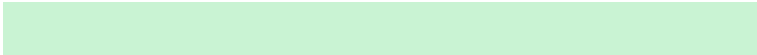
87.3151, 81.2218, 104.9835



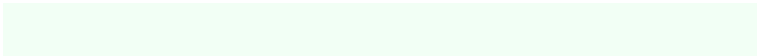
88.0871, 81.2218, 77.6522

Sweetspot

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



67.8981, 81.2252, 73.7287



88.9889, 97.0515, 100.6575



76.2660, 85.6794, 67.7776



18.8716, 20.6876, 21.3042



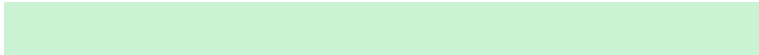
0.0000, 0.0000, 0.0000



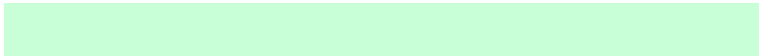
20.3446, 21.4041, 23.3091

Same Dimension

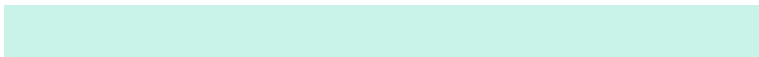
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8981, 81.2252, 73.7287



72.1316, 88.8652, 77.1027



70.6777, 82.3371, 88.3657



16.4439, 18.5367, 18.3559



18.0512, 35.3653, 8.2891



1.6251, 3.1237, 0.9314

Inverse Universe

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



72.5597, 66.7132, 86.1472



78.2964, 69.6693, 93.5230



69.7602, 65.5935, 71.4056



17.0351, 16.6969, 19.9311



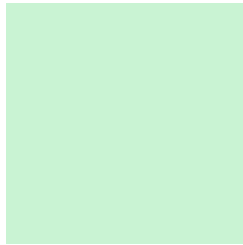
25.1560, 12.4058, 26.5937



2.2506, 1.1062, 2.5460

Previews

White Background



This preview shows how the XYZ color 67.8959, 81.2218, 73.7269 looks on a white background.

Color Contrast Check

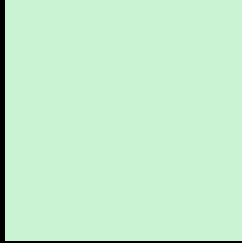
Large Text (above 18pt) WCAG AA × Fail

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 67.8959, 81.2218, 73.7269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

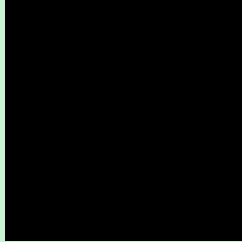
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

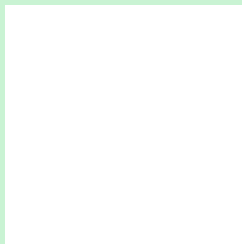
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8959, 81.2218, 73.7269

Background



This preview shows how black text looks on a background with the XYZ color 67.8959, 81.2218, 73.7269.



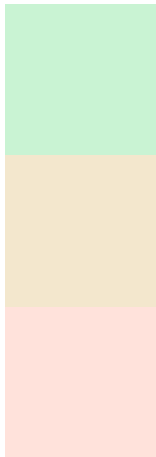
This preview shows how white text looks on a background with the XYZ color 67.8959, 81.2218,

73.7269.

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

67.8959, 81.2218, 73.7269

Protanopia

76.5575, 80.6143, 69.2827

Deuteranopia

81.2225, 80.7672, 78.3266



Tritanopia

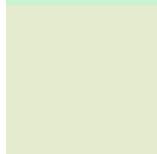
74.6287, 81.3437, 106.3753

Trichromacy



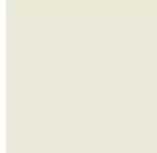
Original Color

67.8959, 81.2218, 73.7269



Protanomaly

72.9657, 80.4156, 70.7075



Deuteranomaly

75.5122, 80.3333, 76.4917



Tritanomaly

71.9001, 81.0868, 93.5231

Monochromacy



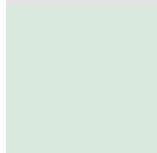
Original Color

67.8959, 81.2218, 73.7269



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

71.1035, 78.4037, 79.7925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8959, 81.2218, 73.7269 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, 243, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 211)  
}
```

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, 243, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.8959, 81.2218, 73.7269 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, 243, 211) }
```


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

```
.border{ border-color:rgb(201, 243, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8959, 81.2218, 73.7269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 211) }
```

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

```
.background{ background-color: rgb(201,  
243, 211) }
```

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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