

Converting Colors

XYZ(65.6047, 78.8093, 69.3952)

Have a look what the booklet for
XYZ(65.6047, 78.8093, 69.3952)
contains.

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Color

**XYZ(65.7327, 78.8701,
69.5166)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F0CD
RGB	199, 240, 205
RGB Percent	78%, 94%, 80%
CMY	0.2196, 0.0588, 0.1961
CMYK	0.17, 0.00, 0.15, 0.06
HSL	129°, 58%, 86%
HSV	129°, 17%, 94%
XYZ	65.7327, 78.8701, 69.5166
YIQ	223.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

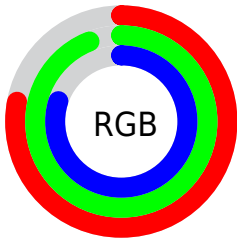
Format	Color
RYB	199, 235, 240
Decimal	13103309
CIELab	91.18, -19.80, 12.57
CIELCh	91, 23.451, 147.589
Yxy	78.8701, 0.3070, 0.3683
Android (android.graphics.Color)	4291293389 (0xFFC7F0CD)
YUV	223.7510, -9.2442, -21.7066
Hunter-Lab	88.8088, -23.2970, 15.7560

Details

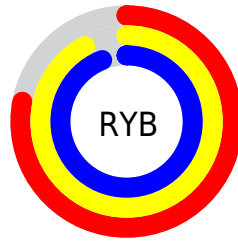
The XYZ color **65.7327, 78.8701, 69.5166** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.2126, 65.3144, 86.6990**, and the grayscale version is **70.7462, 74.4305, 81.0548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4035, 42.5351, 35.6750** is the 20% darker color. If you saturate the color by 10%, you get **57.5467, 74.9196, 57.0582**, and if you desaturate by 10%, it is **75.2512, 83.4746, 83.7313**.

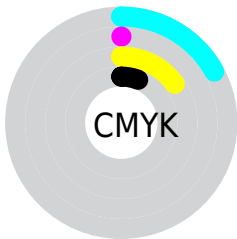
Distribution



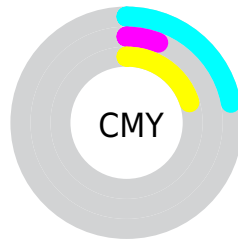
- Red (78%)
- Green (94%)
- Blue (80%)



- Red (78%)
- Yellow (92%)
- Blue (94%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7327, 78.8701, 69.5166 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 65.7327, 78.8701, 69.5166 by changing the saturation by 10% instead.

65.7327, 78.8701,
69.5166

65.7327, 78.8701,
69.5166

434.9240,
491.1168, 477.5941

48.3223, 58.7890,
50.6582

112.1625,
131.7760, 120.1938

34.2945, 42.4433,
35.5618

141.9126,
165.3695, 152.8496

23.2839, 29.4486,
23.8090

176.5067,
204.2361, 190.9417

14.9251, 19.4204,
14.9811

216.3101,
248.7599, 234.8885

8.8528, 11.9745,
8.6596

261.6882,
299.3256, 285.1086

4.7017, 6.7263,
4.4261

313.0063,

2.1062, 3.2915,

356.3173, 342.0205

1.8619

370.6298,
420.1196, 406.0428

■ 0.6926, 1.2858,
0.4683

■ 0.0000, 0.1301,
0.0000

■ 65.7327, 78.8701,
69.5166

■ 65.7327, 78.8701,
69.5166

■ 57.5467, 74.9196,
57.0582

■ 75.2512, 83.4746,
83.7313

■ 50.6273, 71.5839,
46.2828

■ 86.1515, 88.7504,
99.7612

■ 44.9127, 68.8348,
37.1198

■ 90.4516, 90.8033,
107.3672

■ 40.3333, 66.6381,
29.4917

■ 36.8122, 64.9560,
23.3143

■ 34.2628, 63.7458,
18.4955

■ 32.5848, 62.9578,
14.9326

■ 31.6512, 62.5292,
12.5078

■ 31.4669, 62.4454,
11.9944

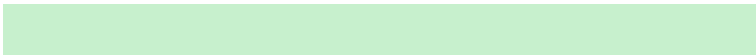
Harmonies

Analogous

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



69.7997, 78.8701, 60.0352



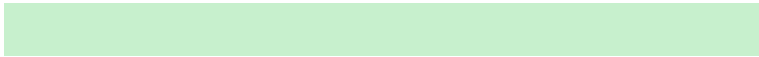
65.7327, 78.8701, 69.5166



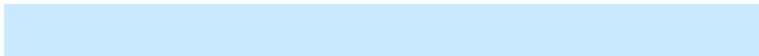
64.1260, 78.8701, 84.5082

Triad

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



65.7327, 78.8701, 69.5166



74.4845, 78.8701, 122.8604



85.5441, 78.8701, 71.6062

Complementary

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



65.7327, 78.8701, 69.5166



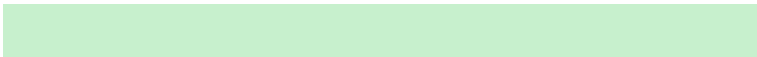
71.2126, 65.3144, 86.6990

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.



86.9584, 78.8701, 87.2588



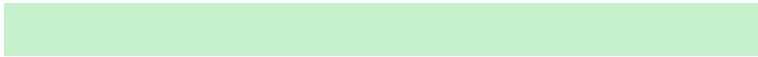
65.7327, 78.8701, 69.5166



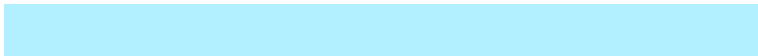
80.3763, 78.8701, 118.2360

Square

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



65.7327, 78.8701, 69.5166



69.0096, 78.8701, 116.5420



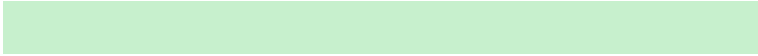
85.0207, 78.8701, 104.6198



81.2507, 78.8701, 61.1251

Rectangle

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



65.7327, 78.8701, 69.5166



64.5991, 78.8701, 96.1403



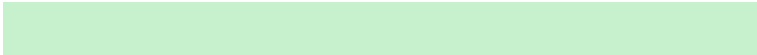
85.0207, 78.8701, 104.6198



86.3815, 78.8701, 76.3698

Sweetspot

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



65.7348, 78.8734, 69.5183



88.8106, 96.9802, 99.7185



75.5792, 84.0305, 66.2697



18.8284, 20.6703, 21.0768



0.0000, 0.0000, 0.0000



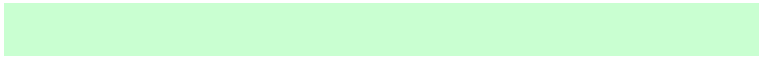
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7348, 78.8734, 69.5183



71.5127, 88.6176, 73.8437



68.3017, 79.9002, 83.0354



15.6601, 17.6941, 17.2332



17.2538, 34.1936, 6.7196



1.4640, 2.8560, 0.7099

Inverse Universe

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



71.2126, 65.3144, 86.6990



79.0454, 69.9689, 97.4671



68.5029, 64.2305, 72.4297



16.3490, 15.9893, 19.3940



25.7344, 12.5662, 32.8473



2.1677, 1.0561, 2.8740

Previews

White Background



This preview shows how the XYZ color 65.7327, 78.8701, 69.5166 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 65.7327, 78.8701, 69.5166 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

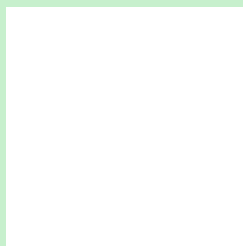
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7327, 78.8701, 69.5166

Background



This preview shows how black text looks on a background with the XYZ color 65.7327, 78.8701, 69.5166.



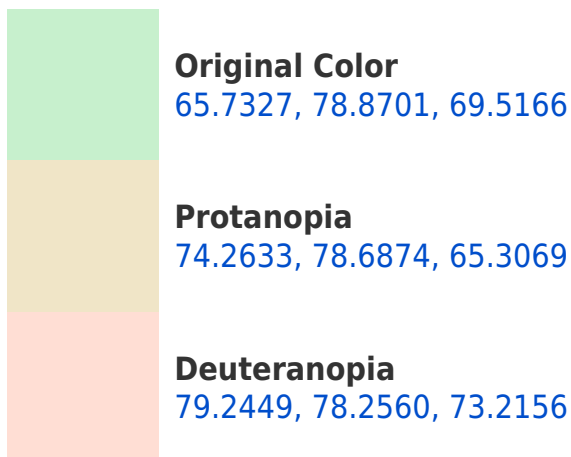
This preview shows how white text looks on a background with the XYZ color 65.7327, 78.8701,

69.5166.

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





Tritanopia

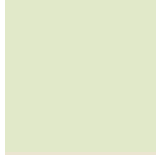
72.4417, 78.5715, 103.4432

Trichromacy



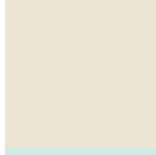
Original Color

65.7327, 78.8701, 69.5166



Protanomaly

70.7329, 78.5024, 66.6828



Deuteranomaly

73.7889, 78.3042, 71.5467



Tritanomaly

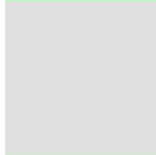
69.8927, 78.8264, 90.1285

Monochromacy



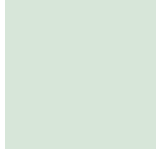
Original Color

65.7327, 78.8701, 69.5166



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.8455, 76.0505, 76.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7327, 78.8701, 69.5166 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(199, 240, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 240, 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(199, 240, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 240, 205) }
```

Border

The CSS property to change the border of an element to XYZ 65.7327, 78.8701, 69.5166 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(199, 240, 205) }
```


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

```
.border{ border-color:rgb(199, 240, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 240, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 240, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 240, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 240,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7327, 78.8701, 69.5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 240, 205) }
```

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

```
.background{ background-color: rgb(199,  
240, 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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