

Converting Colors

XYZ(65.5228, 83.3974, 73.1002)

Have a look what the booklet for
XYZ(65.5228, 83.3974, 73.1002)
contains.

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Color

**XYZ(65.4614, 83.1650,
72.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FAD1
RGB	184, 250, 209
RGB Percent	72%, 98%, 82%
CMY	0.2784, 0.0196, 0.1804
CMYK	0.26, 0.00, 0.16, 0.02
HSL	143°, 87%, 85%
HSV	143°, 26%, 98%
XYZ	65.4614, 83.1650, 72.9239
YIQ	225.5920, -26.1750, -26.7430

Conversions

Conversions Part 2

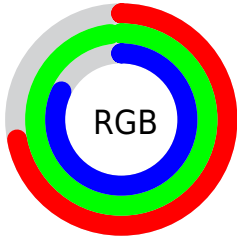
Format	Color
RYB	184, 232, 250
Decimal	12122833
CIELab	93.09, -28.65, 13.10
CIElCh	93, 31.497, 155.431
Yxy	83.1650, 0.2955, 0.3754
Android (android.graphics.Color)	4290312913 (0xFFB8FAD1)
YUV	225.5920, -8.1799, -36.4762
Hunter-Lab	91.1948, -31.4603, 16.4252

Details

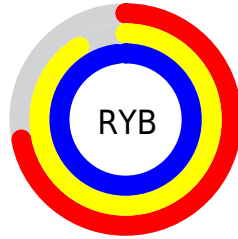
The XYZ color **65.4614, 83.1650, 72.9239** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.1583, 60.0432, 79.1294**, and the grayscale version is **72.0667, 75.8198, 82.5677**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.0396, 45.1736, 37.9356** is the 20% darker color. If you saturate the color by 10%, you get **58.1638, 79.6167, 63.0300**, and if you desaturate by 10%, it is **74.0093, 87.3408, 83.8584**.

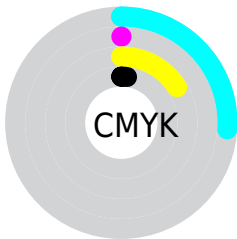
Distribution



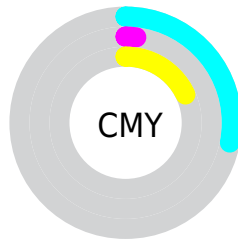
- Red (72%)
- Green (98%)
- Blue (82%)



- Red (72%)
- Yellow (91%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (28%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4614, 83.1650, 72.9239 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 65.4614, 83.1650, 72.9239 by changing the saturation by 10% instead.


 65.4614, 83.1650,
72.9239

 65.4614, 83.1650,
72.9239


433.9672,
505.5363, 489.8147

 48.1014, 62.3263,
53.4223


 111.7750,
137.8065, 125.0891

 34.1188, 45.2964,
37.7500


141.4592,
172.3781, 158.5897

 23.1482, 31.6909,
25.4884


175.9823,
212.2961, 197.5938

 14.8243, 21.1256,
16.2189

215.7096,
257.9450, 242.5199

 8.7817, 13.2158,
9.5232

261.0063,
309.7090, 293.7865

 4.6550, 7.5773,
4.9825

312.2380,

 2.0790, 3.8257,

367.9726, 351.8121

2.1785

369.7698,
433.1202, 417.0154

■ 0.6777, 1.5765,
0.6619

■ 0.0000, 0.3417,
0.0000

■ 65.4614, 83.1650,
72.9239

■ 65.4614, 83.1650,
72.9239

■ 58.1638, 79.6167,
63.0300

■ 74.0093, 87.3408,
83.8584

■ 52.0487, 76.6547,
54.1405

■ 83.8575, 92.1623,
95.8573

■ 47.0519, 74.2488,
46.2249

■ 93.4772, 96.8543,
108.3757

■ 43.1002, 72.3619,
39.2493

■ 40.1111, 70.9522,
33.1773

■ 37.9885, 69.9711,
27.9705

■ 36.6139, 69.3580,
23.5868

■ 36.2389, 69.1950,
22.1999

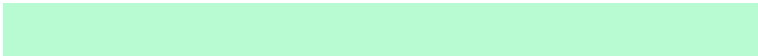
Harmonies

Analogous

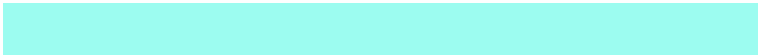
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1899, 83.1650, 58.3124



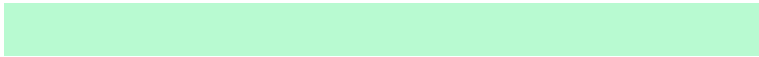
65.4614, 83.1650, 72.9239



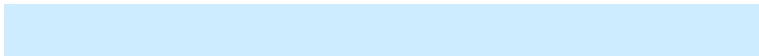
64.2634, 83.1650, 94.9273

Triad

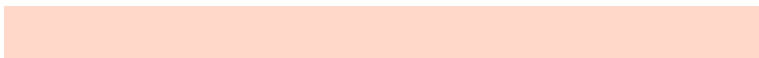
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4614, 83.1650, 72.9239



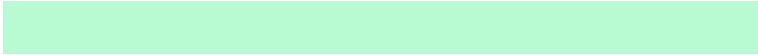
80.5590, 83.1650, 143.8109



92.7082, 83.1650, 66.6566

Complementary

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



65.4614, 83.1650, 72.9239



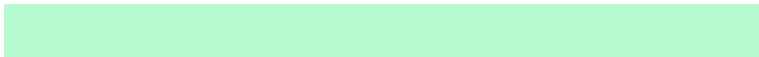
70.1583, 60.0432, 79.1294

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.



95.9373, 83.1650, 86.3143



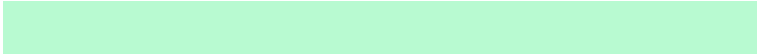
65.4614, 83.1650, 72.9239



88.6170, 83.1650, 132.9087

Square

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



65.4614, 83.1650, 72.9239



72.6235, 83.1650, 138.5480



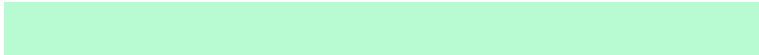
94.3905, 83.1650, 110.8153



85.8361, 83.1650, 55.1599

Rectangle

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



65.4614, 83.1650, 72.9239



65.5506, 83.1650, 111.5272



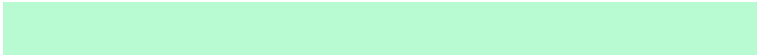
94.3905, 83.1650, 110.8153



94.2767, 83.1650, 72.3877

Sweetspot

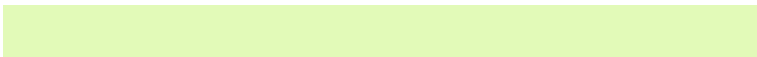
The Sweet Spot groups the original color and five complimentary colors.



65.4637, 83.1685, 72.9258



85.9652, 95.5446, 98.1732



74.1417, 87.9722, 58.4211



18.0562, 20.2820, 20.5989



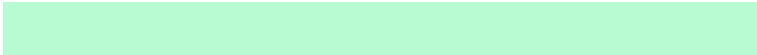
0.0000, 0.0000, 0.0000



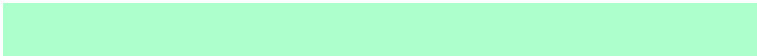
20.3446, 21.4041, 23.3091

Same Dimension

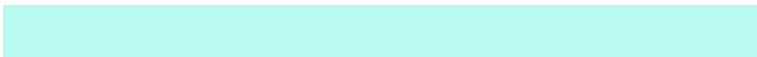
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4637, 83.1685, 72.9258



64.0182, 84.8243, 70.3191



69.8626, 84.9280, 96.0900



17.2894, 19.4180, 19.7244



19.2857, 36.7273, 12.1140



1.8359, 3.4215, 1.3838

Inverse Universe

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



70.1583, 60.0432, 79.1294



69.7274, 56.6876, 77.8533



66.1706, 58.4481, 58.1306



17.6980, 17.4066, 20.2655



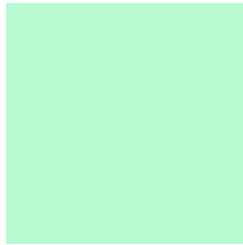
24.1361, 12.0702, 17.9569



2.2870, 1.1385, 1.9346

Previews

White Background



This preview shows how the XYZ color 65.4614, 83.1650, 72.9239 looks on a white background.

Color Contrast Check

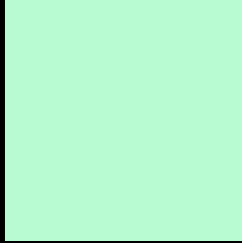
Large Text (above 18pt) WCAG AA × Fail

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 65.4614, 83.1650, 72.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

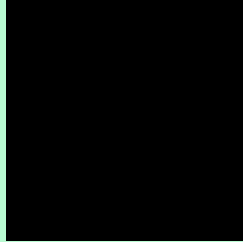
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4614, 83.1650, 72.9239

Background



This preview shows how black text looks on a background with the XYZ color 65.4614, 83.1650, 72.9239.



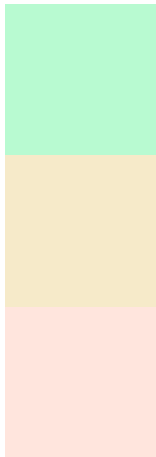
This preview shows how white text looks on a background with the XYZ color 65.4614, 83.1650,

72.9239.

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

65.4614, 83.1650, 72.9239

Protanopia

77.9715, 82.6555, 67.1029

Deuteranopia

82.3105, 82.5191, 79.9962



Tritanopia

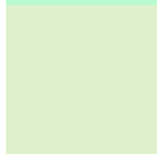
74.6637, 82.6620, 106.6279

Trichromacy



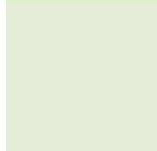
Original Color

65.4614, 83.1650, 72.9239



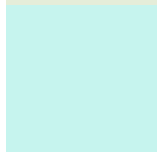
Protanomaly

72.4906, 82.3678, 69.2047



Deuteranomaly

75.1217, 82.2361, 77.5595



Tritanomaly

71.0720, 82.8802, 93.1405

Monochromacy



Original Color

65.4614, 83.1650, 72.9239



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

69.4906, 78.4329, 79.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4614, 83.1650, 72.9239 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(184, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 250, 209)  
}
```

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(184, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.4614, 83.1650, 72.9239 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(184, 250, 209) }
```


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

```
.border{ border-color:rgb(184, 250, 209) }
```

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

Here you see how a box with a 4 pixel rgb(184, 250, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4614, 83.1650, 72.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 250, 209) }
```

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

```
.background{ background-color: rgb(184,  
250, 209) }
```

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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