

Converting Colors

XYZ(56.8890, 72.0593, 55.3951)

Have a look what the booklet for
XYZ(56.8890, 72.0593, 55.3951)
contains.

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Color

**XYZ(56.9224, 72.0468,
55.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EAB6
RGB	181, 234, 182
RGB Percent	71%, 92%, 71%
CMY	0.2902, 0.0823, 0.2863
CMYK	0.23, 0.00, 0.22, 0.08
HSL	121°, 56%, 81%
HSV	121°, 23%, 92%
XYZ	56.9224, 72.0468, 55.1623
YIQ	212.2250, -14.8960, -27.4080

Conversions

Conversions Part 2

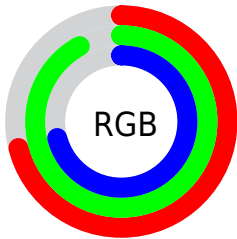
Format	Color
RYB	181, 233, 234
Decimal	11922102
CIELab	87.99, -26.78, 19.86
CIElCh	88, 33.341, 143.445
Yxy	72.0468, 0.3091, 0.3913
Android (android.graphics.Color)	4290112182 (0xFFB5EAB6)
YUV	212.2250, -14.9009, -27.3843
Hunter-Lab	84.8804, -28.8352, 20.8847

Details

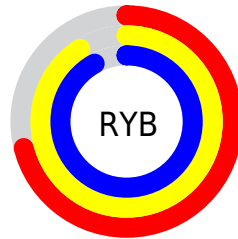
The XYZ color **56.9224, 72.0468, 55.1623** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.1660, 56.4250, 84.5504**, and the grayscale version is **62.8337, 66.1059, 71.9894**.

A 20% lighter version of the original color is **86.4525, 95.8702, 94.8372**, and **28.6352, 37.9378, 26.5824** is the 20% darker color. If you saturate the color by 10%, you get **49.7082, 68.5818, 43.4384**, and if you desaturate by 10%, it is **65.4511, 76.1486, 68.9813**.

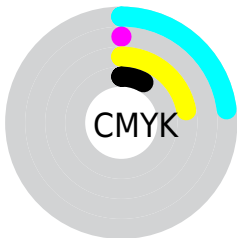
Distribution



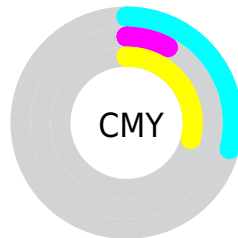
- Red (71%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9224, 72.0468, 55.1623 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 56.9224, 72.0468, 55.1623 by changing the saturation by 10% instead.

■ 56.9224, 72.0468,
55.1623

■ 56.9224, 72.0468,
55.1623

403.1774,
467.7045, 423.8261

■ 41.1828, 53.1969,
39.1322

■ 99.4840, 122.1231,
99.2522

■ 28.6503, 37.9600,
26.5540

127.0367,
154.1182, 128.1492

■ 18.9594, 25.9516,
17.0091

159.2578,
191.2639, 162.1721

■ 11.7448, 16.7875,
10.0789

196.5127,
233.9446, 201.7396

■ 6.6411, 10.0831,
5.3450

239.1668,
282.5446, 247.2703

■ 3.2830, 5.4541,
2.3888


287.5853,

■ 1.3051, 2.5161,


337.4483, 299.1825


0.7804


342.1337,
399.0401, 357.8950


 0.1870, 0.8847,
0.0000

 0.0000, 0.0000,
0.0000


 56.9224, 72.0468,
55.1623


 56.9224, 72.0468,
55.1623

 49.7082, 68.5818,
43.4384


 65.4511, 76.1486,
68.9813


 43.7377, 65.7132,
33.7029

 75.3489, 80.9071,
84.9855

 38.9424, 63.4101,
25.8469

 86.6744, 86.3527,
103.2656

 35.2447, 61.6350,
19.7494

 88.7142, 87.3285,
106.7881

■ 32.5579, 60.3462,
15.2751

■ 30.7821, 59.4954,
12.2690

■ 29.7970, 59.0247,
10.5462

■ 29.4484, 58.8581,
9.9355

Harmonies

Analogous

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



62.5767, 72.0468, 44.7573



56.9224, 72.0468, 55.1623



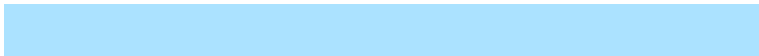
54.3918, 72.0468, 73.5564

Triad

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



56.9224, 72.0468, 55.1623



66.7488, 72.0468, 130.4496



83.4758, 72.0468, 62.2913

Complementary

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



56.9224, 72.0468, 55.1623



65.1660, 56.4250, 84.5504

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.



84.8085, 72.0468, 83.5491



56.9224, 72.0468, 55.1623



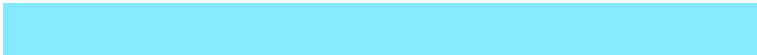
74.7398, 72.0468, 125.8354

Square

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



56.9224, 72.0468, 55.1623



59.7746, 72.0468, 119.1132



81.5011, 72.0468, 107.5046



77.9885, 72.0468, 48.2825

Rectangle

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



56.9224, 72.0468, 55.1623



54.6657, 72.0468, 89.0685



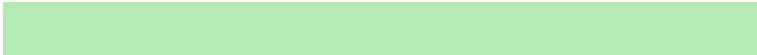
81.5011, 72.0468, 107.5046



84.4412, 72.0468, 68.7049

Sweetspot

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



56.9243, 72.0499, 55.1639



86.0925, 95.6933, 94.4274



71.4088, 79.5288, 55.3037



18.2705, 20.4069, 19.9578



0.0000, 0.0000, 0.0000



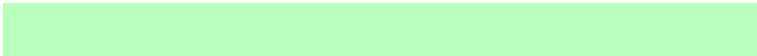
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9243, 72.0499, 55.1639



65.0641, 85.5851, 60.3570



59.9134, 73.2455, 70.9042



14.8799, 16.8668, 16.0502



16.5528, 33.0756, 5.6100



1.3039, 2.5989, 0.4619

Inverse Universe

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



65.1660, 56.4250, 84.5504



76.6719, 63.5776, 101.7449



61.6735, 55.0280, 66.1590



15.7018, 15.3086, 18.9811



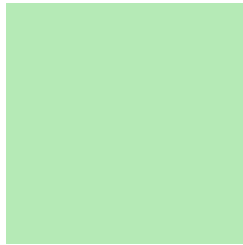
27.0667, 13.0294, 43.0142



2.1293, 1.0247, 3.3984

Previews

White Background



This preview shows how the XYZ color 56.9224, 72.0468, 55.1623 looks on a white background.

Color Contrast Check

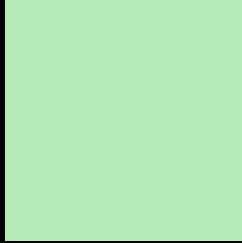
Large Text (above 18pt) WCAG AA × Fail

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 56.9224, 72.0468, 55.1623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

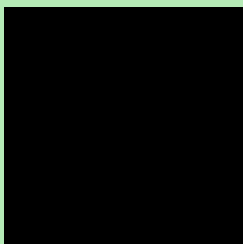
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

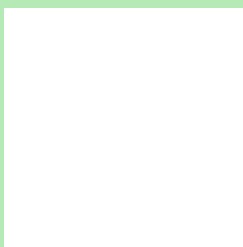
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9224, 72.0468, 55.1623

Background



This preview shows how black text looks on a background with the XYZ color 56.9224, 72.0468, 55.1623.



This preview shows how white text looks on a background with the XYZ color 56.9224, 72.0468,

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

56.9224, 72.0468, 55.1623

Protanopia

67.2627, 71.7740, 50.8661

Deuteranopia

73.0211, 71.5575, 56.9771



Tritanopia

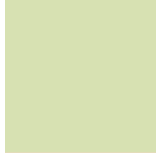
65.2637, 72.1308, 96.0708

Trichromacy



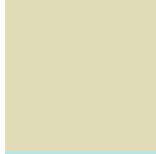
Original Color

56.9224, 72.0468, 55.1623



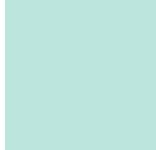
Protanomaly

62.9854, 71.5119, 52.6030



Deuteranomaly

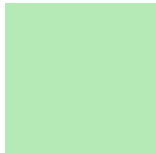
66.0287, 71.0201, 56.1271



Tritanomaly

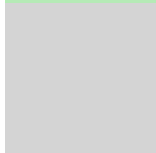
61.8095, 71.9504, 79.0367

Monochromacy



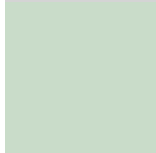
Original Color

56.9224, 72.0468, 55.1623



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.2232, 67.8210, 65.1750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9224, 72.0468, 55.1623 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(181, 234, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 234, 182)  
}
```

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(181, 234, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 234, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.9224, 72.0468, 55.1623 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(181, 234, 182) }
```


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

```
.border{ border-color:rgb(181, 234, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 234, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 234, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 234, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 234,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9224, 72.0468, 55.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 234, 182) }
```

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

```
.background{ background-color: rgb(181,  
234, 182) }
```

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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