

Converting Colors

XYZ(57.0510, 71.0912, 64.1500)

Have a look what the booklet for
XYZ(57.0510, 71.0912, 64.1500)
contains.

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Color

**XYZ(56.9542, 71.0205,
64.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8C6
RGB	176, 232, 198
RGB Percent	69%, 91%, 78%
CMY	0.3098, 0.0902, 0.2235
CMYK	0.24, 0.00, 0.15, 0.09
HSL	144°, 55%, 80%
HSV	144°, 24%, 91%
XYZ	56.9542, 71.0205, 64.1326
YIQ	211.3800, -22.4620, -22.4460

Conversions

Conversions Part 2

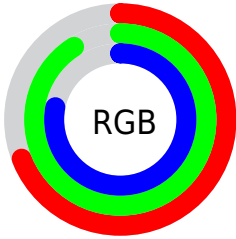
Format	Color
RYB	176, 216, 232
Decimal	11593926
CIELab	87.49, -24.57, 10.79
CIELCh	87, 26.830, 156.287
Yxy	71.0205, 0.2965, 0.3697
Android (android.graphics.Color)	4289784006 (0xFFB0E8C6)
YUV	211.3800, -6.5963, -31.0283
Hunter-Lab	84.2737, -26.8442, 13.8716

Details

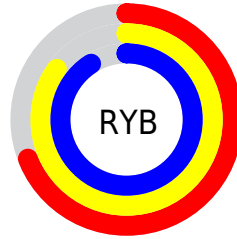
The XYZ color **56.9542, 71.0205, 64.1326** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.4394, 52.8615, 67.9938**, and the grayscale version is **62.2227, 65.4631, 71.2893**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.5854, 37.2019, 32.0596** is the 20% darker color. If you saturate the color by 10%, you get **50.6002, 67.9260, 55.7450**, and if you desaturate by 10%, it is **64.3597, 74.6436, 73.3613**.

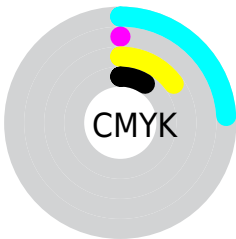
Distribution



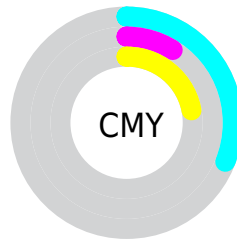
- Red (69%)
- Green (91%)
- Blue (78%)



- Red (69%)
- Yellow (85%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9542, 71.0205, 64.1326 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 56.9542, 71.0205, 64.1326 by changing the saturation by 10% instead.

■ 56.9542, 71.0205,
64.1326

■ 56.9542, 71.0205,
64.1326

403.2946,
464.1251, 457.8889

■ 41.2085, 52.3589,
46.3112

■ 99.5301, 120.6629,
112.4032

■ 28.6704, 37.2912,
32.1410

127.0910,
152.4125, 143.6895

■ 18.9747, 25.4331,
21.2035

159.3209,
189.2936, 180.3011

■ 11.7559, 16.4000,
13.0802

196.5854,
231.6906, 222.6567

■ 6.6487, 9.8076,
7.3524

239.2496,
279.9879, 271.1747

■ 3.2877, 5.2716,
3.6017


287.6790,

■ 1.3077, 2.4075,


334.5698, 326.2737


1.4095


342.2389,
395.8207, 388.3723


 0.1890, 0.8297,
0.1491


 0.0000, 0.0000,
0.0000

 56.9542, 71.0205,
64.1326


 56.9542, 71.0205,
64.1326


 50.6002, 67.9260,
55.7450


 64.3597, 74.6436,
73.3613


 45.2423, 65.3260,
48.1700

 72.8572, 78.8097,
83.4492

 40.8285, 63.1962,
41.3844

 82.4921, 83.5438,
94.4196

 37.2996, 61.5066,
35.3620

 88.0431, 86.1539,
106.0473

■ 34.5894, 60.2237,
30.0750

■ 88.1479, 86.1958,
106.5993

■ 32.6216, 59.3086,
25.4940

■ 31.3040, 58.7144,
21.5871

■ 30.7522, 58.4735,
19.5948

Harmonies

Analogous

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



60.5480, 71.0205, 52.4825



56.9542, 71.0205, 64.1326



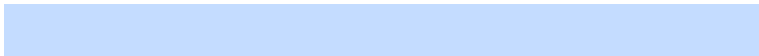
56.1057, 71.0205, 81.2126

Triad

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



56.9542, 71.0205, 64.1326



68.8455, 71.0205, 117.4415



77.8041, 71.0205, 58.4676

Complementary

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



56.9542, 71.0205, 64.1326



60.4394, 52.8615, 67.9938

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.



80.3475, 71.0205, 73.5718



56.9542, 71.0205, 64.1326



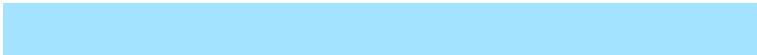
74.9709, 71.0205, 108.9916

Square

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



56.9542, 71.0205, 64.1326



62.7223, 71.0205, 113.8646



79.2797, 71.0205, 92.2224



72.5204, 71.0205, 49.5872

Rectangle

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



56.9542, 71.0205, 64.1326



57.1610, 71.0205, 93.8290



79.2797, 71.0205, 92.2224



79.0225, 71.0205, 62.8869

Sweetspot

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



56.9561, 71.0235, 64.1342



87.0889, 96.0919, 99.6746



63.4261, 74.6311, 52.1377



18.5007, 20.4990, 21.1696



0.0000, 0.0000, 0.0000



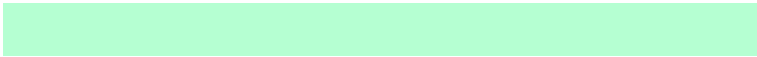
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9561, 71.0235, 64.1342



66.4731, 86.0079, 74.1359



60.4179, 72.4081, 82.3633



14.4226, 16.1825, 16.4902



17.1294, 32.4839, 11.1816



1.3104, 2.4183, 1.0611

Inverse Universe

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



60.4394, 52.8615, 67.9938



71.4946, 59.8163, 79.6930



57.3049, 51.6077, 51.4878



14.7427, 14.5143, 16.8456



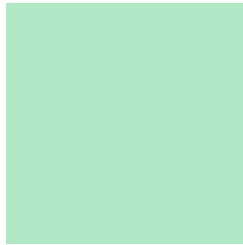
21.2020, 10.6150, 15.2248



1.6121, 0.8026, 1.3639

Previews

White Background



This preview shows how the XYZ color 56.9542, 71.0205, 64.1326 looks on a white background.

Color Contrast Check

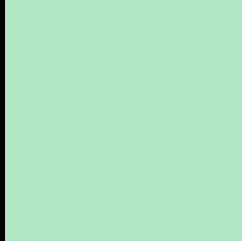
Large Text (above 18pt) WCAG AA × Fail

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 56.9542, 71.0205, 64.1326 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 56.9542, 71.0205, 64.1326

Background



This preview shows how black text looks on a background with the XYZ color 56.9542, 71.0205, 64.1326.



This preview shows how white text looks on a background with the XYZ color 56.9542, 71.0205,

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

56.9542, 71.0205, 64.1326

Protanopia

66.7885, 70.5624, 59.3900

Deuteranopia

71.9610, 70.4456, 65.6817



Tritanopia

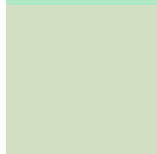
63.5331, 71.2387, 95.9898

Trichromacy



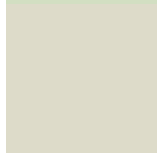
Original Color

56.9542, 71.0205, 64.1326



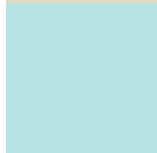
Protanomaly

62.7036, 70.3720, 61.3173



Deuteranomaly

65.6929, 70.2522, 65.3560



Tritanomaly

60.8999, 70.9779, 83.1634

Monochromacy



Original Color

56.9542, 71.0205, 64.1326



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.7608, 67.1250, 68.1992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9542, 71.0205, 64.1326 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(176, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 198)  
}
```

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(176, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.9542, 71.0205, 64.1326 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(176, 232, 198) }
```


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

```
.border{ border-color:rgb(176, 232, 198) }
```

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

Here you see how a box with a 4 pixel rgb(176, 232, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9542, 71.0205, 64.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 198) }
```

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

```
.background{ background-color: rgb(176,  
232, 198) }
```

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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