

Converting Colors

XYZ(56.4913, 70.6157, 72.3555)

Have a look what the booklet for
XYZ(56.4913, 70.6157, 72.3555)
contains.

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Color

**XYZ(56.5508, 70.6319,
72.2808)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E8D3
RGB	167, 232, 211
RGB Percent	65%, 91%, 83%
CMY	0.3451, 0.0902, 0.1725
CMYK	0.28, 0.00, 0.09, 0.09
HSL	161°, 59%, 78%
HSV	161°, 28%, 91%
XYZ	56.5508, 70.6319, 72.2808
YIQ	210.1710, -31.9990, -20.3110

Conversions

Conversions Part 2

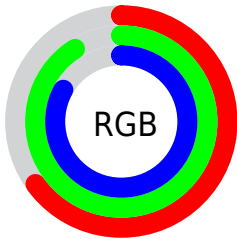
Format	Color
RYB	167, 206, 232
Decimal	11004115
CIELab	87.31, -24.75, 3.64
CIELCh	87, 25.015, 171.622
Yxy	70.6319, 0.2835, 0.3541
Android (android.graphics.Color)	4289194195 (0xFFA7E8D3)
YUV	210.1710, 0.4087, -37.8610
Hunter-Lab	84.0428, -26.9656, 7.8377

Details

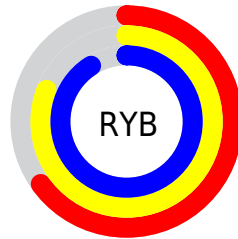
The XYZ color **56.5508, 70.6319, 72.2808** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1769, 48.4258, 53.9660**, and the grayscale version is **61.3849, 64.5817, 70.3294**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **28.4212, 36.9957, 37.5412** is the 20% darker color. If you saturate the color by 10%, you get **51.1647, 67.9632, 67.2378**, and if you desaturate by 10%, it is **62.8639, 73.7772, 77.5990**.

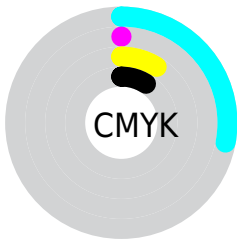
Distribution



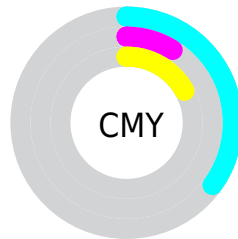
- Red (65%)
- Green (91%)
- Blue (83%)



- Red (65%)
- Yellow (81%)
- Blue (91%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)





- Cyan (35%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5508, 70.6319, 72.2808 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 56.5508, 70.6319, 72.2808 by changing the saturation by 10% instead.

 56.5508, 70.6319,
72.2808


 56.5508, 70.6319,
72.2808


401.8054,
462.7656, 487.5222

 40.8834, 52.0419,
52.8999


 98.9446, 120.1094,
124.1671

 28.4153, 37.0384,
37.3356


 126.4017,
151.7657, 157.5095

 18.7810, 25.2373,
25.1697

158.5195,
188.5462, 196.3429

 11.6152, 16.2539,
15.9833

195.6633,
230.8353, 241.0857

 6.5526, 9.7040,
9.3581

238.1984,
279.0174, 292.1565

 3.2277, 5.2031,
4.8755

286.4902,

 1.2753, 2.3669,

333.4769, 349.9738

2.1169

340.9041,
394.5982, 414.9562

■ 0.1646, 0.8088,
0.6258

■ 0.0000, 0.0000,
0.0000

■ 56.5508, 70.6319,
72.2808

■ 56.5508, 70.6319,
72.2808

■ 51.1647, 67.9632,
67.2378

■ 62.8639, 73.7772,
77.5990

■ 46.6521, 65.7380,
62.4599


■ 70.1422, 77.4130,
83.1927


■ 42.9630, 63.9323,
57.9432


■ 78.4289, 81.5635,
89.0684


■ 40.0396, 62.5165,
53.6816


■ 85.9731, 85.3259,
95.1470


 37.8164, 61.4570,
49.6689

 87.1163, 85.7832,
101.1667

 36.2165, 60.7140,
45.8982

 88.1479, 86.1959,
106.5993

 35.1326, 60.2324,
42.3608

 34.9473, 60.1516,
41.6856

Harmonies

Analogous

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



58.6490, 70.6319, 58.4921



56.5508, 70.6319, 72.2808



57.1553, 70.6319, 89.4742

Triad

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



56.5508, 70.6319, 72.2808



71.3894, 70.6319, 111.1326



74.4056, 70.6319, 54.1988

Complementary

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



56.5508, 70.6319, 72.2808



56.1769, 48.4258, 53.9660

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.



78.2103, 70.6319, 65.5738



56.5508, 70.6319, 72.2808



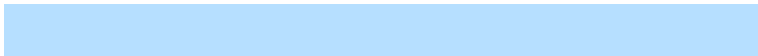
76.3992, 70.6319, 98.8283

Square

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



56.5508, 70.6319, 72.2808



65.4984, 70.6319, 113.6231



78.9604, 70.6319, 81.7247



68.7956, 70.6319, 49.0972

Rectangle

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



56.5508, 70.6319, 72.2808



59.0260, 70.6319, 100.4983



78.9604, 70.6319, 81.7247



75.9514, 70.6319, 57.3293

Sweetspot

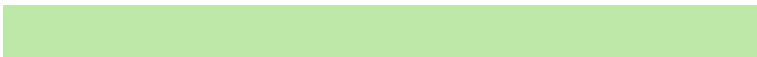
The Sweet Spot groups the original color and five complimentary colors.



56.5528, 70.6348, 72.2824



86.8958, 95.9169, 103.0736



56.7375, 71.2826, 47.3287



18.2905, 20.3757, 21.8329



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.



56.5528, 70.6348, 72.2824



65.8357, 85.4231, 85.6817



56.4045, 65.8454, 86.0840



14.5990, 16.2530, 17.4188



19.4605, 33.4163, 23.4573



1.4801, 2.4862, 1.9550

Inverse Universe

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



56.1769, 48.4258, 53.9660



65.2976, 53.3760, 59.2729



56.1432, 51.7221, 43.5845



14.5680, 14.4444, 15.9254



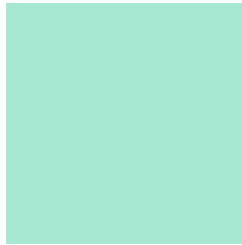
19.2305, 9.8264, 4.8429



1.4624, 0.7427, 0.5754

Previews

White Background



This preview shows how the XYZ color 56.5508, 70.6319, 72.2808 looks on a white background.

Color Contrast Check

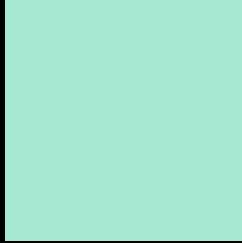
Large Text (above 18pt) WCAG AA × Fail

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 56.5508, 70.6319, 72.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

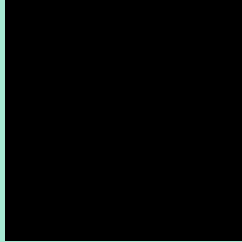
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

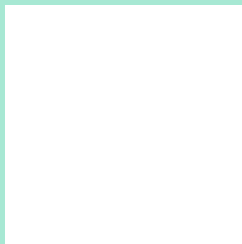
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5508, 70.6319, 72.2808

Background



This preview shows how black text looks on a background with the XYZ color 56.5508, 70.6319, 72.2808.

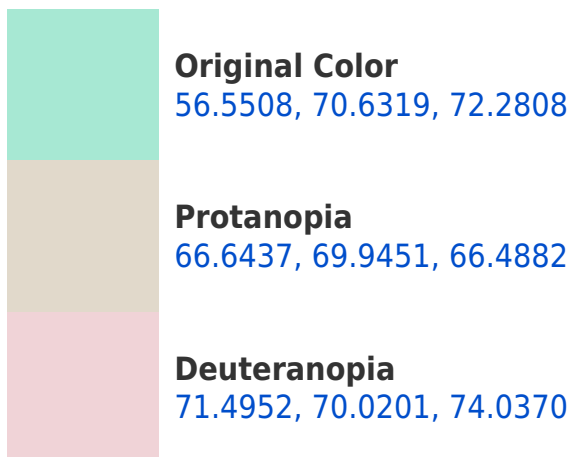


This preview shows how white text looks on a background with the XYZ color 56.5508, 70.6319,

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

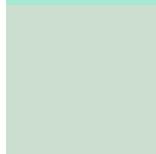
61.4061, 70.5294, 96.7633

Trichromacy



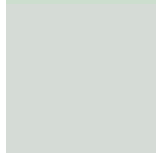
Original Color

56.5508, 70.6319, 72.2808



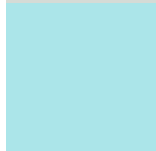
Protanomaly

62.1637, 69.5362, 68.5380



Deuteranomaly

64.9097, 69.6642, 73.6438



Tritanomaly

59.5219, 70.5797, 87.5769

Monochromacy



Original Color

56.5508, 70.6319, 72.2808



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.9524, 66.2653, 70.6561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5508, 70.6319, 72.2808 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(167, 232, 211)` looks like.

```
.text, #text, p{  
    color:rgb(167, 232, 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(167, 232, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 232, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.5508, 70.6319, 72.2808 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(167, 232, 211) }
```


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

```
.border{ border-color:rgb(167, 232, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 232, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 232, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 232, 211);  
box-shadow:4px 4px 4px 4px rgb(167, 232,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5508, 70.6319, 72.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 232, 211) }
```

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

```
.background{ background-color: rgb(167,  
232, 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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