

Converting Colors

XYZ(56.9827, 72.5200, 63.4606)

Have a look what the booklet for
XYZ(56.9827, 72.5200, 63.4606)
contains.

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Color

**XYZ(56.9057, 72.2864,
63.1780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADEBC4 |
| RGB | 173, 235, 196 |
| RGB Percent | 68%, 92%, 77% |
| CMY | 0.3216, 0.0784, 0.2314 |
| CMYK | 0.26, 0.00, 0.17, 0.08 |
| HSL | 142°, 61%, 80% |
| HSV | 142°, 26%, 92% |
| XYZ | 56.9057, 72.2864, 63.1780 |
| YIQ | 212.0160, -24.4330, -25.2730 |

Conversions

Conversions Part 2

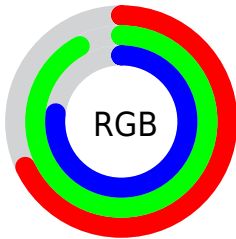
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 173, 218, 235 |
| Decimal | 11398084 |
| CIELab | 88.11, -27.32, 12.68 |
| CIELCh | 88, 30.119, 155.103 |
| Yxy | 72.2864, 0.2958, 0.3758 |
| Android (android.graphics.Color) | 4289588164 (0xFFADEC4) |
| YUV | 212.0160, -7.8959, -34.2170 |
| Hunter-Lab | 85.0214, -29.3156, 15.4576 |

Details

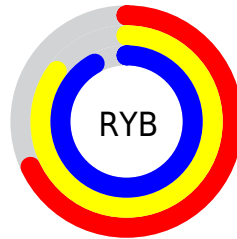
The XYZ color **56.9057, 72.2864, 63.1780** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.0906, 52.3044, 69.1663**, and the grayscale version is **62.6540, 65.9169, 71.7835**.

A 20% lighter version of the original color is **85.8027, 95.2699, 106.7951**, and **28.6103, 38.1151, 31.4402** is the 20% darker color. If you saturate the color by 10%, you get **50.5588, 69.2014, 54.5265**, and if you desaturate by 10%, it is **64.3364, 75.9150, 72.7488**.

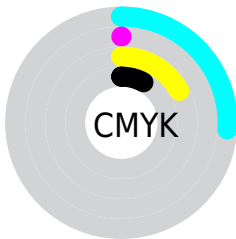
Distribution



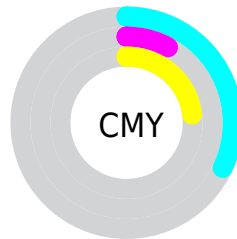
- Red (68%)
- Green (92%)
- Blue (77%)



- Red (68%)
- Yellow (85%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9057, 72.2864, 63.1780 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 56.9057, 72.2864, 63.1780 by changing the saturation by 10% instead.


 56.9057, 72.2864,
63.1780

 56.9057, 72.2864,
63.1780


403.1158,
468.5378, 454.3409

 41.1694, 53.3927,
45.5433


 99.4597, 122.4636,
111.0143

 28.6397, 38.1163,
31.5395


127.0082,
154.5159, 142.0530

 18.9513, 26.0730,
20.7481


159.2247,
191.7232, 178.3968

 11.7389, 16.8782,
12.7506

196.4746,
234.4698, 220.4642

 6.6371, 10.1477,
7.1283

239.1233,
283.1402, 268.6738

 3.2805, 5.4970,
3.4628


287.5362,

 1.3038, 2.5417,


338.1187, 323.4441


1.3355


342.0785,
399.7898, 385.1936


 0.1860, 0.8975,
0.0906


 0.0000, 0.0000,
0.0000


 56.9057, 72.2864,
63.1780


 56.9057, 72.2864,
63.1780


 50.5588, 69.2014,
54.5265


 64.3364, 75.9150,
72.7488

 45.2370, 66.6243,
46.7621

 72.8939, 80.1027,
83.2603

 40.8852, 64.5291,
39.8576

 82.6260, 84.8758,
94.7392

 37.4402, 62.8841,
33.7827

 88.9997, 87.8994,
106.8832

■ 34.8310, 61.6531,
28.5053

■ 32.9752, 60.7944,
23.9906

■ 31.7707, 60.2561,
20.2013

■ 31.4372, 60.1104,
19.0001

Harmonies

Analogous

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



61.0537, 72.2864, 50.5390



56.9057, 72.2864, 63.1780



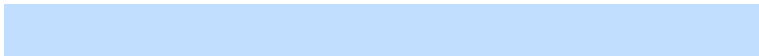
55.8270, 72.2864, 82.2845

Triad

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



56.9057, 72.2864, 63.1780



69.9439, 72.2864, 125.1350



80.6573, 72.2864, 58.0514

Complementary

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



56.9057, 72.2864, 63.1780



61.0906, 52.3044, 69.1663

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.



83.4275, 72.2864, 75.2359



56.9057, 72.2864, 63.1780



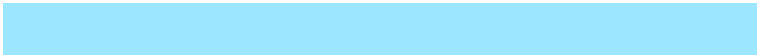
76.9726, 72.2864, 115.7761

Square

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



56.9057, 72.2864, 63.1780



63.0448, 72.2864, 120.3942



82.0344, 72.2864, 96.5938



74.6964, 72.2864, 47.9612

Rectangle

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



56.9057, 72.2864, 63.1780



56.9242, 72.2864, 96.7416



82.0344, 72.2864, 96.5938



82.0108, 72.2864, 63.0668

Sweetspot

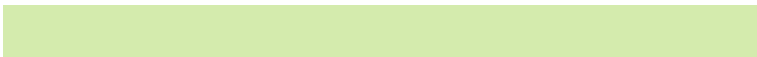
The Sweet Spot groups the original color and five complimentary colors.



56.9077, 72.2894, 63.1796



85.9412, 95.5350, 98.0468



64.4820, 76.4738, 50.8984



18.0502, 20.2796, 20.5672



0.0000, 0.0000, 0.0000



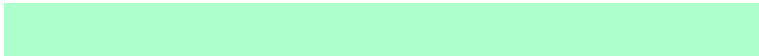
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9077, 72.2894, 63.1796



63.9417, 84.7937, 69.9161



60.7726, 73.8354, 83.5320



15.0994, 16.9546, 17.2061



17.5520, 33.4753, 10.8719



1.4234, 2.6467, 1.0914

Inverse Universe

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



61.0906, 52.3044, 69.1663



69.8142, 56.7223, 78.3102



57.5745, 50.8980, 50.6506



15.4641, 15.2135, 17.7291



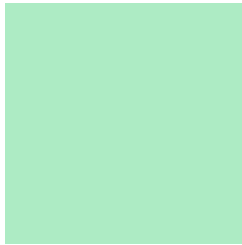
22.0987, 11.0422, 16.8531



1.7815, 0.8856, 1.5667

Previews

White Background



This preview shows how the XYZ color 56.9057, 72.2864, 63.1780 looks on a white background.

Color Contrast Check

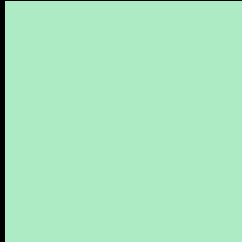
Large Text (above 18pt) WCAG AA × Fail

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 56.9057, 72.2864, 63.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

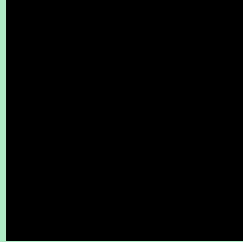
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9057, 72.2864, 63.1780

Background



This preview shows how black text looks on a background with the XYZ color 56.9057, 72.2864, 63.1780.



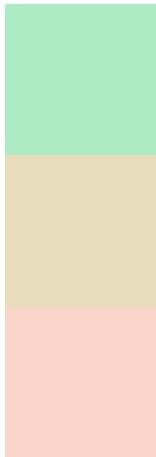
This preview shows how white text looks on a background with the XYZ color 56.9057, 72.2864,

63.1780.

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

56.9057, 72.2864, 63.1780

Protanopia

67.6253, 71.8062, 57.8727

Deuteranopia

73.1530, 71.4438, 65.1928



Tritanopia

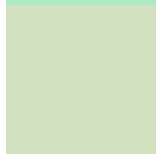
63.9064, 72.2079, 97.7581

Trichromacy



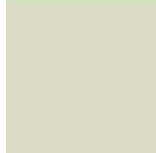
Original Color

56.9057, 72.2864, 63.1780



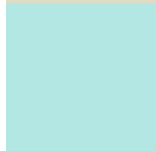
Protanomaly

62.9075, 71.3137, 59.7395



Deuteranomaly

65.7208, 70.6821, 64.2120



Tritanomaly

61.1699, 72.3370, 84.1372

Monochromacy



Original Color

56.9057, 72.2864, 63.1780



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.0225, 67.6484, 68.2864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9057, 72.2864, 63.1780 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(173, 235, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 196)  
}
```

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(173, 235, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.9057, 72.2864, 63.1780 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(173, 235, 196) }
```


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

```
.border{ border-color:rgb(173, 235, 196) }
```

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

Here you see how a box with a 4 pixel rgb(173, 235, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9057, 72.2864, 63.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 196) }
```

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

```
.background{ background-color: rgb(173,  
235, 196) }
```

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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