

Converting Colors

XYZ(56.9997, 71.9240, 74.0402)

Have a look what the booklet for
XYZ(56.9997, 71.9240, 74.0402)
contains.

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Color

**XYZ(57.0284, 72.1133,
73.8643)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EBD5
RGB	164, 235, 213
RGB Percent	64%, 92%, 84%
CMY	0.3569, 0.0784, 0.1647
CMYK	0.30, 0.00, 0.09, 0.08
HSL	161°, 64%, 78%
HSV	161°, 30%, 92%
XYZ	57.0284, 72.1133, 73.8643
YIQ	211.2630, -35.2540, -21.8940

Conversions

Conversions Part 2

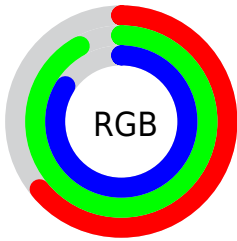
Format	Color
RYB	164, 206, 235
Decimal	10808277
CIELab	88.02, -26.66, 3.62
CIELCh	88, 26.903, 172.274
Yxy	72.1133, 0.2809, 0.3552
Android (android.graphics.Color)	4288998357 (0xFFA4EBD5)
YUV	211.2630, 0.8563, -41.4497
Hunter-Lab	84.9196, -28.7361, 7.8724

Details

The XYZ color **57.0284, 72.1133, 73.8643** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.4018, 47.7601, 52.7032**, and the grayscale version is **62.1036, 65.3378, 71.1528**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **28.7221, 38.0238, 38.1733** is the 20% darker color. If you saturate the color by 10%, you get **51.7161, 69.4810, 68.8993**, and if you desaturate by 10%, it is **63.2824, 75.2300, 79.0932**.

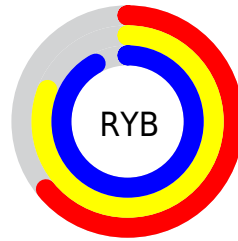
Distribution



Red (64%)

Green (92%)

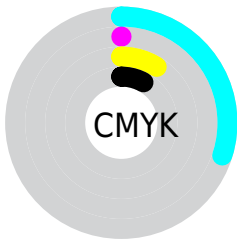
Blue (84%)



Red (64%)

Yellow (81%)

Blue (92%)

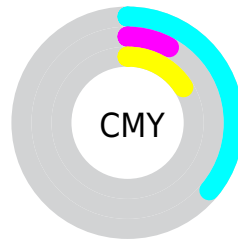


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (8%)



Cyan (36%)


Magenta (8%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0284, 72.1133, 73.8643 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 57.0284, 72.1133, 73.8643 by changing the saturation by 10% instead.

 57.0284, 72.1133,
73.8643


 57.0284, 72.1133,
73.8643


403.5682,
467.9359, 493.1558

 41.2683, 53.2512,
54.1869


 99.6377, 122.2176,
126.4357

 28.7174, 38.0034,
38.3569


 127.2177,
154.2286, 160.1667

 19.0103, 25.9853,
25.9558


159.4682,
191.3914, 199.4194

 11.7818, 16.8126,
16.5651

196.7548,
234.0904, 244.6122

 6.6664, 10.1010,
9.7663

239.4427,
282.7099, 296.1637

 3.2988, 5.4660,
5.1407


287.8974,

 1.3137, 2.5232,


337.6344, 354.4924


2.2699


342.4841,
399.2483, 420.0169


 0.1934, 0.8882,
0.7143


 0.0000, 0.0000,
0.0000


 57.0284, 72.1133,
73.8643


 57.0284, 72.1133,
73.8643


 51.7161, 69.4810,
68.8993

 63.2824, 75.2300,
79.0932


 47.2894, 67.2987,
64.1880

 70.5181, 78.8461,
84.5860

 43.6957, 65.5411,
59.7268

 78.7806, 82.9866,
90.3490

 40.8737, 64.1767,
55.5099

 86.9965, 87.0980,
96.3347

■ 38.7539, 63.1698,
51.5309

■ 88.1133, 87.5448,
102.2156

■ 37.2532, 62.4775,
47.7830

■ 88.9997, 87.8993,
106.8832

■ 36.2472, 62.0343,
44.3293

Harmonies

Analogous

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



59.2389, 72.1133, 58.8226



57.0284, 72.1133, 73.8643



57.7467, 72.1133, 92.6881

Triad

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



57.0284, 72.1133, 73.8643



73.3251, 72.1133, 115.9651



76.3712, 72.1133, 53.7564

Complementary

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



57.0284, 72.1133, 73.8643



56.4018, 47.7601, 52.7032

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.



80.6041, 72.1133, 65.8732



57.0284, 72.1133, 73.8643



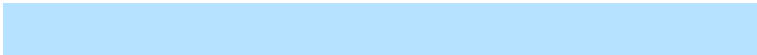
78.7704, 72.1133, 102.1844

Square

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



57.0284, 72.1133, 73.8643



66.8963, 72.1133, 118.9946



81.5084, 72.1133, 83.3655



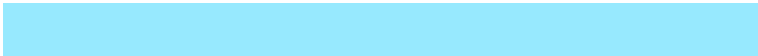
70.2135, 72.1133, 48.4524

Rectangle

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



57.0284, 72.1133, 73.8643



59.8118, 72.1133, 104.7666



81.5084, 72.1133, 83.3655



78.0818, 72.1133, 57.0683

Sweetspot

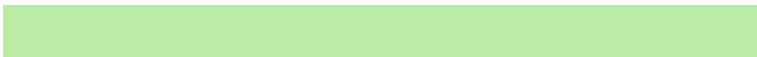
The Sweet Spot groups the original color and five complimentary colors.



57.0304, 72.1162, 73.8659



85.9809, 95.4545, 102.6088



56.7788, 72.5998, 46.1437



18.1102, 20.2844, 21.7502



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.



57.0304, 72.1162, 73.8659



64.7086, 84.8490, 85.3163



56.4243, 66.1271, 88.3907



15.3074, 17.0378, 18.3016



20.2322, 34.5473, 24.9854



1.6315, 2.7299, 2.1875

Inverse Universe

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



56.4018, 47.7601, 52.7032



63.8482, 51.3156, 56.2046



56.6895, 51.7953, 42.1327



15.2577, 15.1309, 16.6423



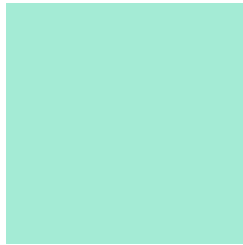
19.7842, 10.1164, 4.6648



1.5953, 0.8111, 0.5863

Previews

White Background



This preview shows how the XYZ color 57.0284, 72.1133, 73.8643 looks on a white background.

Color Contrast Check

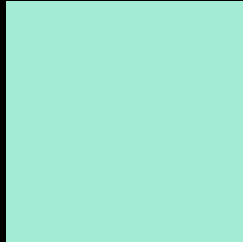
Large Text (above 18pt) WCAG AA × Fail

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 57.0284, 72.1133, 73.8643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

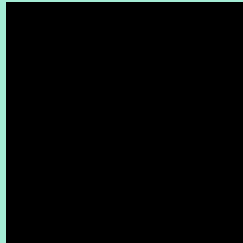
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

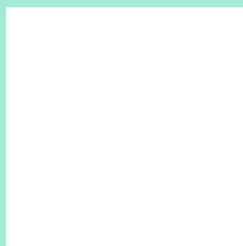
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0284, 72.1133, 73.8643

Background



This preview shows how black text looks on a background with the XYZ color 57.0284, 72.1133, 73.8643.

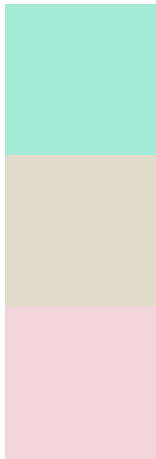


This preview shows how white text looks on a background with the XYZ color 57.0284, 72.1133,

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

57.0284, 72.1133, 73.8643

Protanopia

67.9092, 71.3536, 67.3202

Deuteranopia

73.0671, 71.5277, 76.2848



Tritanopia

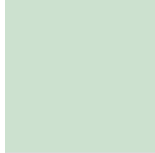
62.2533, 72.1416, 99.4506

Trichromacy



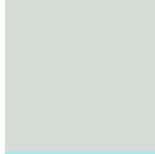
Original Color

57.0284, 72.1133, 73.8643



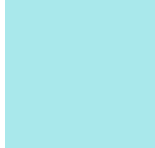
Protanomaly

63.0895, 71.1928, 69.4479



Deuteranomaly

65.9827, 70.9669, 75.1861



Tritanomaly

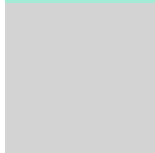
60.2142, 72.1464, 89.3493

Monochromacy



Original Color

57.0284, 72.1133, 73.8643



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.7250, 67.4092, 72.1508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0284, 72.1133, 73.8643 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(164, 235, 213)` looks like.

```
.text, #text, p{  
    color:rgb(164, 235, 213)  
}
```

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(164, 235, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 235, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.0284, 72.1133, 73.8643 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(164, 235, 213) }
```


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

```
.border{ border-color:rgb(164, 235, 213) }
```

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

Here you see how a box with a 4 pixel rgb(164, 235, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 235, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 235, 213);  
box-shadow:4px 4px 4px 4px rgb(164, 235,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0284, 72.1133, 73.8643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 235, 213) }
```

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

```
.background{ background-color: rgb(164,  
235, 213) }
```

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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