

Converting Colors

XYZ(57.2784, 70.0381, 70.1174)

Have a look what the booklet for
XYZ(57.2784, 70.0381, 70.1174)
contains.

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Color

**XYZ(57.3612, 70.2617,
70.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE6D0
RGB	175, 230, 208
RGB Percent	69%, 90%, 82%
CMY	0.3137, 0.0980, 0.1843
CMYK	0.24, 0.00, 0.10, 0.10
HSL	156°, 52%, 79%
HSV	156°, 24%, 90%
XYZ	57.3612, 70.2617, 70.2131
YIQ	211.0470, -25.7180, -18.5020

Conversions

Conversions Part 2

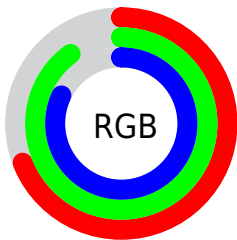
Format	Color
RYB	175, 209, 230
Decimal	11527888
CIELab	87.13, -21.97, 5.01
CIELCh	87, 22.534, 167.146
Yxy	70.2617, 0.2899, 0.3552
Android (android.graphics.Color)	4289717968 (0xFFAFE6D0)
YUV	211.0470, -1.5022, -31.6132
Hunter-Lab	83.8223, -24.5379, 9.0117

Details

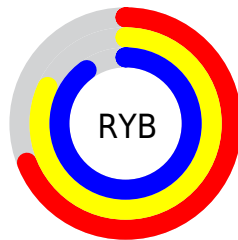
The XYZ color **57.3612, 70.2617, 70.2131** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.0436, 51.5160, 59.7107**, and the grayscale version is **61.9713, 65.1987, 71.0013**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.8539, 36.6701, 36.1291** is the 20% darker color. If you saturate the color by 10%, you get **51.5330, 67.3861, 64.2023**, and if you desaturate by 10%, it is **64.1383, 73.6227, 76.6141**.

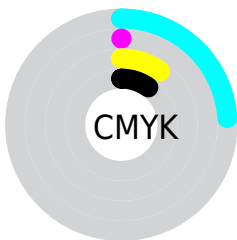
Distribution



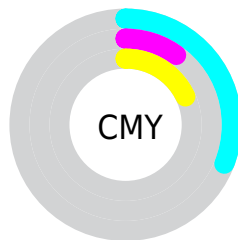
- Red (69%)
- Green (90%)
- Blue (82%)



- Red (69%)
- Yellow (82%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)





- Cyan (31%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3612, 70.2617, 70.2131 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 57.3612, 70.2617, 70.2131 by changing the saturation by 10% instead.


 57.3612, 70.2617,
70.2131

 57.3612, 70.2617,
70.2131


404.7937,
461.4683, 480.1072

 41.5366, 51.7399,
51.2224


 100.1204,
119.5819, 121.1966

 28.9281, 36.7978,
36.0077


127.7856,
151.1491, 154.0264

 19.1705, 25.0510,
24.1504


160.1284,
187.8335, 192.3064

 11.8982, 16.1150,
15.2320

197.5142,
230.0196, 236.4551

 6.7461, 9.6056,
8.8339

240.3082,
278.0917, 286.8909

 3.3488, 5.1382,
4.5377

288.8759,

 1.3408, 2.3286,

332.4343, 344.0325

1.9247

343.5827,
393.4317, 408.2985

■ 0.2134, 0.7888,
0.5084

■ 0.0000, 0.0000,
0.0000

■ 57.3612, 70.2617,
70.2131

■ 57.3612, 70.2617,
70.2131

■ 51.5330, 67.3861,
64.2023

■ 64.1383, 73.6227,
76.6141

■ 46.6021, 64.9637,
58.5692

■ 71.9008, 77.4821,
83.4083

■ 42.5210, 62.9720,
53.3070

■ 80.6905, 81.8632,
90.6044

■ 39.2350, 61.3831,
48.4072

■ 85.9899, 84.4370,
97.9966

■ 36.6829, 60.1654,
43.8606

■ 87.4286, 85.0124,
105.5726

■ 34.7940, 59.2827,
39.6575

■ 87.5881, 85.0763,
106.4127

■ 33.4823, 58.6909,
35.7872

■ 32.8852, 58.4311,
33.5878

Harmonies

Analogous

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



59.6094, 70.2617, 58.3765



57.3612, 70.2617, 70.2131



57.5393, 70.2617, 85.4026

Triad

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



57.3612, 70.2617, 70.2131



69.8208, 70.2617, 107.7988



73.9301, 70.2617, 57.0995

Complementary

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



57.3612, 70.2617, 70.2131



58.0436, 51.5160, 59.7107

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.



76.9642, 70.2617, 68.2443



57.3612, 70.2617, 70.2131



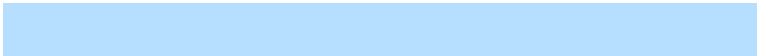
74.5073, 70.2617, 98.0399

Square

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



57.3612, 70.2617, 70.2131



64.5477, 70.2617, 108.5091



77.1808, 70.2617, 83.1579



69.0666, 70.2617, 51.5047

Rectangle

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



57.3612, 70.2617, 70.2131



59.0089, 70.2617, 95.4456



77.1808, 70.2617, 83.1579



75.2087, 70.2617, 60.2488

Sweetspot

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



57.3632, 70.2646, 70.2147



87.6566, 96.3189, 102.6640



59.3038, 71.6864, 51.2697



18.6321, 20.5515, 21.8617



0.0000, 0.0000, 0.0000



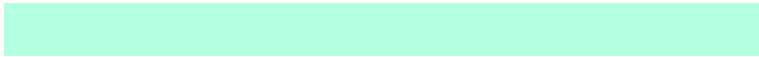
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3632, 70.2646, 70.2147



68.4754, 86.8089, 84.6798



59.0025, 68.9061, 85.0568



14.5506, 16.2336, 17.1640



18.6788, 33.1036, 19.3409



1.4259, 2.4645, 1.6693

Inverse Universe

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



58.0436, 51.5160, 59.7107



69.4859, 59.0128, 69.1151



56.6104, 52.3944, 47.6879



14.6147, 14.4631, 16.1712



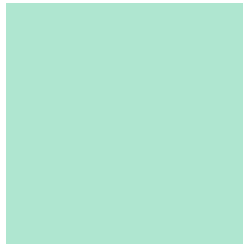
19.6255, 9.9844, 6.9226



1.4951, 0.7558, 0.7478

Previews

White Background



This preview shows how the XYZ color 57.3612, 70.2617, 70.2131 looks on a white background.

Color Contrast Check

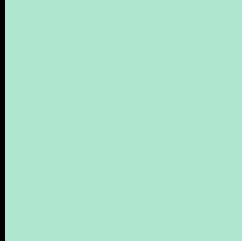
Large Text (above 18pt) WCAG AA × Fail

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 57.3612, 70.2617, 70.2131 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

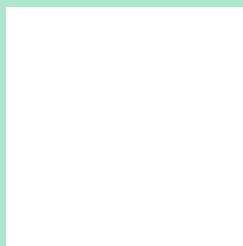
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3612, 70.2617, 70.2131

Background



This preview shows how black text looks on a background with the XYZ color 57.3612, 70.2617, 70.2131.

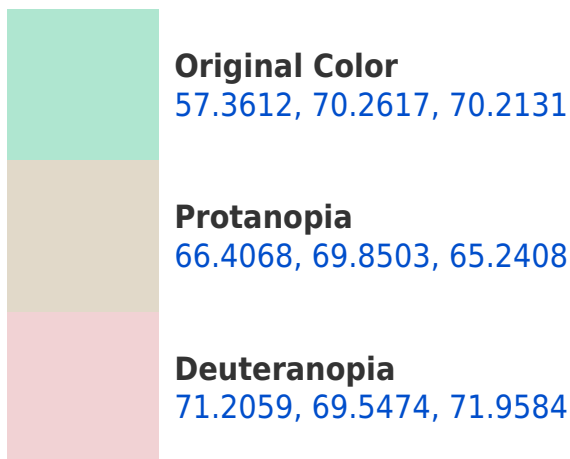


This preview shows how white text looks on a background with the XYZ color 57.3612, 70.2617,

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

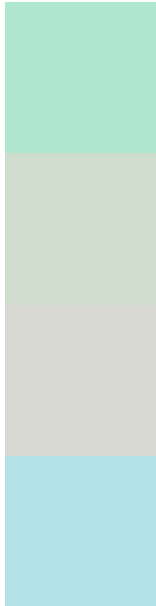




Tritanopia

62.3943, 70.2666, 95.0683

Trichromacy



Original Color

57.3612, 70.2617, 70.2131

Protanomaly

62.7525, 69.8676, 67.3051

Deuteranomaly

65.1860, 69.0806, 71.5262

Tritanomaly

60.3424, 70.2350, 85.2392

Monochromacy



Original Color

57.3612, 70.2617, 70.2131

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.9930, 66.8017, 70.7048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3612, 70.2617, 70.2131 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(175, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(175, 230, 208)  
}
```

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(175, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 230, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.3612, 70.2617, 70.2131 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(175, 230, 208) }
```


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

```
.border{ border-color:rgb(175, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(175, 230,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3612, 70.2617, 70.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 230, 208) }
```

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

```
.background{ background-color: rgb(175,  
230, 208) }
```

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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