

Converting Colors

XYZ(57.7419, 67.1143, 72.0786)

Have a look what the booklet for
XYZ(57.7419, 67.1143, 72.0786)
contains.

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Color

**XYZ(57.7721, 67.1864,
72.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DED4
RGB	184, 222, 212
RGB Percent	72%, 87%, 83%
CMY	0.2784, 0.1294, 0.1686
CMYK	0.17, 0.00, 0.05, 0.13
HSL	164°, 37%, 80%
HSV	164°, 17%, 87%
XYZ	57.7721, 67.1864, 72.2107
YIQ	209.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

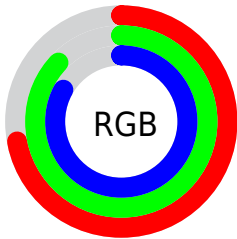
Format	Color
RYB	184, 206, 222
Decimal	12115668
CIELab	85.60, -14.38, 0.76
CIElCh	86, 14.400, 176.988
Yxy	67.1864, 0.2930, 0.3408
Android (android.graphics.Color)	4290305748 (0xFFB8DED4)
YUV	209.4980, 1.2335, -22.3617
Hunter-Lab	81.9673, -17.6326, 5.1444

Details

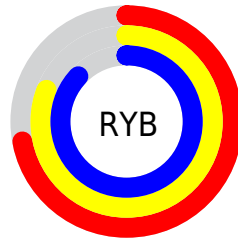
The XYZ color **57.7721, 67.1864, 72.2107** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0047, 53.7073, 58.4040**, and the grayscale version is **60.9325, 64.1057, 69.8111**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **29.1104, 34.8176, 37.0845** is the 20% darker color. If you saturate the color by 10%, you get **52.1423, 64.3696, 68.1696**, and if you desaturate by 10%, it is **64.2670, 70.4497, 76.4344**.

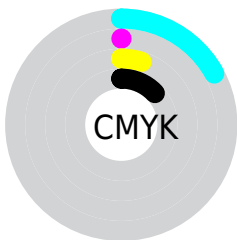
Distribution



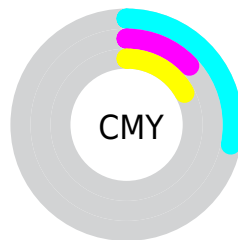
- Red (72%)
- Green (87%)
- Blue (83%)



- Red (72%)
- Yellow (81%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (28%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7721, 67.1864, 72.2107 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 57.7721, 67.1864, 72.2107 by changing the saturation by 10% instead.


 57.7721, 67.1864,
72.2107

 57.7721, 67.1864,
72.2107


406.3038,
450.6080, 487.2719

 41.8680, 49.2361,
52.8429


 100.7158,
115.1875, 124.0665

 29.1886, 34.8068,
37.2905


128.4861,
146.0070, 157.3917

 19.3685, 23.5141,
25.1350

160.9425,
181.8852, 196.2064

 12.0425, 14.9736,
15.9577

198.4504,
223.2063, 240.9292

 6.8450, 8.8008,
9.3402

241.3751,
270.3547, 291.9786

 3.4108, 4.6115,
4.8639

290.0820,

 1.3746, 2.0212,

323.7148, 349.7731

2.1103

344.9364,
383.6711, 414.7314

■ 0.2380, 0.6197,
0.6219

■ 0.0000, 0.0000,
0.0000

■ 57.7721, 67.1864,
72.2107

■ 57.7721, 67.1864,
72.2107

■ 52.1423, 64.3696,
68.1696

■ 64.2670, 70.4497,
76.4344

■ 47.3327, 61.9708,
64.3032

■ 71.6578, 74.1700,
80.8394

■ 43.3031, 59.9710,
60.6098

■ 79.9808, 78.3676,
85.4302

■ 40.0075, 58.3466,
57.0856

■ 82.4123, 79.5250,
89.8887

■ 37.3949, 57.0714,
53.7266

■ 83.2726, 79.8691,
94.4186

■ 35.4075, 56.1156,
50.5287

■ 84.1608, 80.2244,
99.0961

■ 33.9778, 55.4444,
47.4872

■ 85.0773, 80.5910,
103.9224

■ 33.0172, 55.0122,
44.5962

■ 85.4125, 80.7251,
105.6875

■ 32.7845, 54.9098,
43.7887

Harmonies

Analogous

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



58.7204, 67.1864, 63.7590



57.7721, 67.1864, 72.2107



58.4080, 67.1864, 81.6511

Triad

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



57.7721, 67.1864, 72.2107



66.7603, 67.1864, 90.4378



67.3526, 67.1864, 59.0447

Complementary

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



57.7721, 67.1864, 72.2107



57.0047, 53.7073, 58.4040

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.



69.6383, 67.1864, 65.2689



57.7721, 67.1864, 72.2107



69.2882, 67.1864, 83.4306

Square

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



57.7721, 67.1864, 72.2107



63.5282, 67.1864, 92.6907



70.3584, 67.1864, 74.1066



64.1902, 67.1864, 56.5766

Rectangle

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



57.7721, 67.1864, 72.2107



59.6571, 67.1864, 87.1556



70.3584, 67.1864, 74.1066



68.2530, 67.1864, 60.7395

Sweetspot

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



57.7740, 67.1892, 72.2122



89.9781, 97.4472, 105.8667



57.0575, 67.1932, 55.3107



19.1119, 20.7837, 22.5697



0.0000, 0.0000, 0.0000



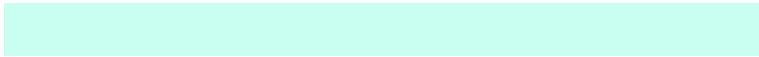
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7740, 67.1892, 72.2122



75.8315, 90.3451, 96.5859



56.7819, 63.1224, 78.3017



13.9545, 15.5075, 16.7955



19.5204, 32.6330, 26.2613



1.3893, 2.2764, 2.0111

Inverse Universe

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



57.0047, 53.7073, 58.4040



74.5677, 68.1778, 73.8876



57.8186, 57.0732, 53.3173



13.8546, 13.7595, 15.0046



18.3925, 9.4240, 3.4669



1.3113, 0.6678, 0.4323

Previews

White Background



This preview shows how the XYZ color 57.7721, 67.1864, 72.2107 looks on a white background.

Color Contrast Check

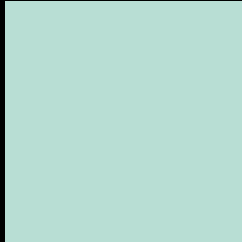
Large Text (above 18pt) WCAG AA × Fail

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 57.7721, 67.1864, 72.2107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

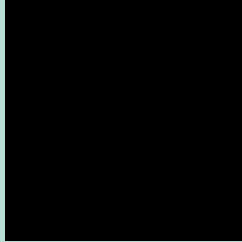
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

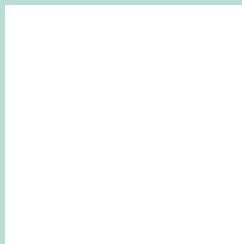
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7721, 67.1864, 72.2107

Background



This preview shows how black text looks on a background with the XYZ color 57.7721, 67.1864, 72.2107.

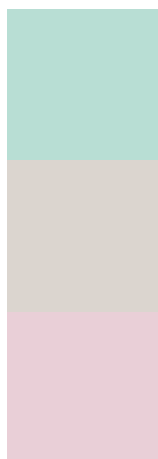


This preview shows how white text looks on a background with the XYZ color 57.7721, 67.1864,

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

57.7721, 67.1864, 72.2107

Protanopia

64.2702, 67.1536, 68.6060

Deuteranopia

68.1828, 66.8556, 73.6008



Tritanopia

60.9508, 66.8903, 89.0556

Trichromacy



Original Color

57.7721, 67.1864, 72.2107

Protanomaly

61.5181, 66.8370, 69.9801

Deuteranomaly

63.7054, 66.3891, 73.0751

Tritanomaly

59.6902, 66.7739, 82.4157

Monochromacy



Original Color

57.7721, 67.1864, 72.2107

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8918, 65.2138, 71.0589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7721, 67.1864, 72.2107 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(184, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 222, 212)  
}
```

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(184, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 222, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.7721, 67.1864, 72.2107 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(184, 222, 212) }
```


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

```
.border{ border-color:rgb(184, 222, 212) }
```

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

Here you see how a box with a 4 pixel rgb(184, 222, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(184, 222,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7721, 67.1864, 72.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 222, 212) }
```

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

```
.background{ background-color: rgb(184,  
222, 212) }
```

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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