

Converting Colors

XYZ(57.0727, 67.9071, 62.4973)

Have a look what the booklet for
XYZ(57.0727, 67.9071, 62.4973)
contains.

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Color

**XYZ(57.1130, 67.8616,
62.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE0C4
RGB	187, 224, 196
RGB Percent	73%, 88%, 77%
CMY	0.2667, 0.1215, 0.2314
CMYK	0.17, 0.00, 0.13, 0.12
HSL	135°, 37%, 81%
HSV	135°, 17%, 88%
XYZ	57.1130, 67.8616, 62.3130
YIQ	209.7450, -13.0640, -16.5520

Conversions

Conversions Part 2

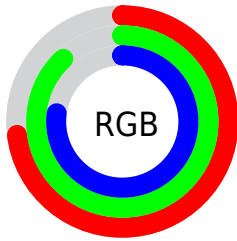
Format	Color
RYB	187, 217, 224
Decimal	12312772
CIELab	85.94, -17.46, 9.70
CIELCh	86, 19.975, 150.932
Yxy	67.8616, 0.3049, 0.3623
Android (android.graphics.Color)	4290502852 (0xFFBBE0C4)
YUV	209.7450, -6.7763, -19.9474
Hunter-Lab	82.3782, -20.4072, 12.8162

Details

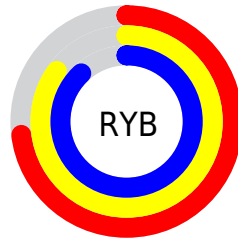
The XYZ color **57.1130, 67.8616, 62.3130** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.7789, 56.2959, 71.9559**, and the grayscale version is **61.1420, 64.3262, 70.0512**.

A 20% lighter version of the original color is **90.4518, 97.6665, 107.0127**, and **28.7433, 35.3155, 30.8928** is the 20% darker color. If you saturate the color by 10%, you get **50.2329, 64.5272, 52.4816**, and if you desaturate by 10%, it is **65.0697, 71.7297, 73.3358**.

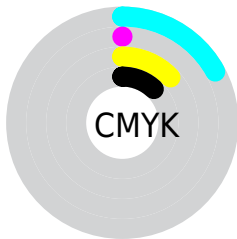
Distribution



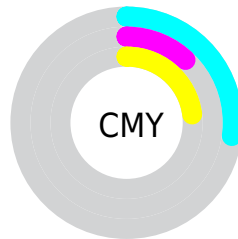
- Red (73%)
- Green (88%)
- Blue (77%)



- Red (73%)
- Yellow (85%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1130, 67.8616, 62.3130 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 57.1130, 67.8616, 62.3130 by changing the saturation by 10% instead.


 57.1130, 67.8616,
62.3130

 57.1130, 67.8616,
62.3130


403.8799,
453.0055, 451.1110

 41.3365, 49.7851,
44.8482


 99.7605, 116.1541,
109.7538

 28.7709, 35.2427,
30.9958

127.3621,
147.1390, 140.5668

 19.0510, 23.8499,
20.3372


159.6361,
183.1955, 176.6664

 11.8114, 15.2223,
12.4539

196.9479,
224.7079, 218.4711

 6.6866, 8.9756,
6.9273

239.6629,
272.0607, 266.3993

 3.3115, 4.7252,
3.3389


288.1463,


 1.3205, 2.0870,


325.6384, 320.8697


1.2702


342.7635,
385.8251, 382.3007


 0.1985, 0.6573,
0.0372


 0.0000, 0.0000,
0.0000


 57.1130, 67.8616,
62.3130


 57.1130, 67.8616,
62.3130


 50.2329, 64.5272,
52.4816


 65.0697, 71.7297,
73.3358

 44.3770, 61.6945,
43.7973

 74.1413, 76.1445,
85.5834

 39.4970, 59.3415,
36.2193

 84.3709, 81.1297,
99.0936

 35.5384, 57.4409,
29.7030

 85.9469, 81.7939,
105.8656

■ 32.4411, 55.9627,
24.2008

■ 30.1375, 54.8733,
19.6611

■ 28.5497, 54.1335,
16.0279

■ 27.5804, 53.6945,
13.2390

■ 27.3342, 53.5848,
12.4522

Harmonies

Analogous

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



60.0834, 67.8616, 54.3176



57.1130, 67.8616, 62.3130



56.0984, 67.8616, 74.3004

Triad

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



57.1130, 67.8616, 62.3130



64.6436, 67.8616, 102.0511



72.3443, 67.8616, 61.6814

Complementary

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



57.1130, 67.8616, 62.3130



60.7789, 56.2959, 71.9559

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.



73.7020, 67.8616, 73.4806



57.1130, 67.8616, 62.3130



69.1287, 67.8616, 97.6755

Square

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



57.1130, 67.8616, 62.3130



60.3202, 67.8616, 98.1701



72.4989, 67.8616, 86.8183



68.8694, 67.8616, 53.9844

Rectangle

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



57.1130, 67.8616, 62.3130



56.6280, 67.8616, 83.2609



72.4989, 67.8616, 86.8183



73.0706, 67.8616, 65.2495

Sweetspot

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



57.1149, 67.8645, 62.3145



88.9989, 97.0556, 100.7104



63.7601, 71.4050, 57.4367



18.8740, 20.6886, 21.3170



0.0000, 0.0000, 0.0000



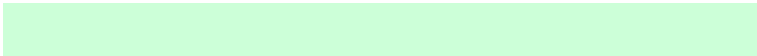
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1149, 67.8645, 62.3145



73.1089, 89.3362, 78.6307



59.3060, 68.7409, 73.8528



13.6648, 15.3916, 15.2700



15.9478, 31.2040, 7.4483



1.1405, 2.1769, 0.7010

Inverse Universe

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



60.7789, 56.2959, 71.9559



78.9495, 70.8924, 93.9966



58.5757, 55.4146, 60.3536



14.1451, 13.8757, 16.5340



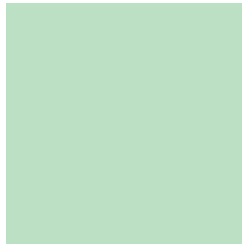
22.1375, 10.9220, 23.1876



1.5690, 0.7709, 1.7890

Previews

White Background



This preview shows how the XYZ color 57.1130, 67.8616, 62.3130 looks on a white background.

Color Contrast Check

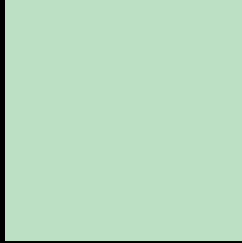
Large Text (above 18pt) WCAG AA × Fail

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 57.1130, 67.8616, 62.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

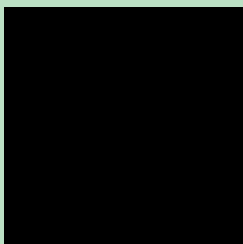
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1130, 67.8616, 62.3130

Background



This preview shows how black text looks on a background with the XYZ color 57.1130, 67.8616, 62.3130.

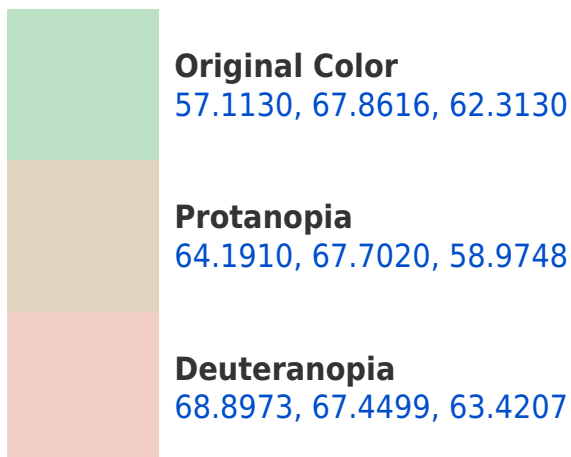


This preview shows how white text looks on a background with the XYZ color 57.1130, 67.8616,

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

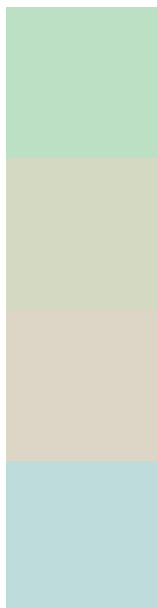




Tritanopia

62.4599, 67.6683, 89.1262

Trichromacy



Original Color

57.1130, 67.8616, 62.3130

Protanomaly

61.5610, 67.8419, 60.3023

Deuteranomaly

63.8061, 67.0379, 63.0027

Tritanomaly

60.1302, 67.4832, 78.2630

Monochromacy



Original Color

57.1130, 67.8616, 62.3130

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.6770, 65.5652, 67.2676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1130, 67.8616, 62.3130 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(187, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(187, 224, 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(187, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 224, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.1130, 67.8616, 62.3130 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(187, 224, 196) }
```


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

```
.border{ border-color:rgb(187, 224, 196) }
```

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

Here you see how a box with a 4 pixel rgb(187, 224, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 224, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 224, 196);  
box-shadow:4px 4px 4px 4px rgb(187, 224,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1130, 67.8616, 62.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 224, 196) }
```

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

```
.background{ background-color: rgb(187,  
224, 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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