

Converting Colors

XYZ(57.6688, 63.8182, 62.8053)

Have a look what the booklet for
XYZ(57.6688, 63.8182, 62.8053)
contains.

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Color

**XYZ(57.8067, 63.9451,
62.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D5C6
RGB	200, 213, 198
RGB Percent	78%, 84%, 78%
CMY	0.2157, 0.1647, 0.2235
CMYK	0.06, 0.00, 0.07, 0.16
HSL	112°, 15%, 81%
HSV	112°, 7%, 84%
XYZ	57.8067, 63.9451, 62.7220
YIQ	207.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

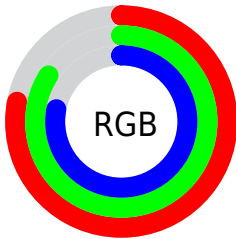
Format	Color
RYB	198, 213, 211
Decimal	13161926
CIELab	83.94, -7.14, 5.89
CIELCh	84, 9.256, 140.449
Yxy	63.9451, 0.3134, 0.3466
Android (android.graphics.Color)	4291352006 (0xFFC8D5C6)
YUV	207.4030, -4.6357, -6.4924
Hunter-Lab	79.9657, -10.9034, 9.4712

Details

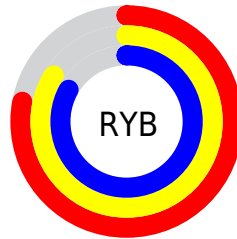
The XYZ color **57.8067, 63.9451, 62.7220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0709, 59.0430, 71.2372**, and the grayscale version is **59.5999, 62.7037, 68.2844**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1150, 32.5783, 31.1393** is the 20% darker color. If you saturate the color by 10%, you get **50.8844, 60.6425, 50.4622**, and if you desaturate by 10%, it is **65.6736, 67.6983, 76.8323**.

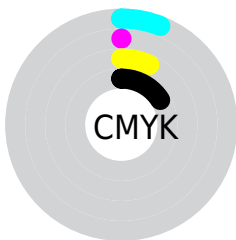
Distribution



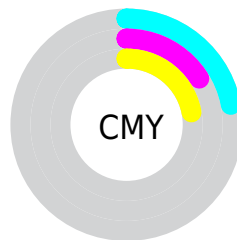
- Red (78%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8067, 63.9451, 62.7220 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 57.8067, 63.9451, 62.7220 by changing the saturation by 10% instead.

■ 57.8067, 63.9451,
62.7220

■ 57.8067, 63.9451,
62.7220

406.4308,
438.9914, 452.6400

■ 41.8959, 46.6062,
45.1768

100.7659,
110.5319, 110.3500

■ 29.2106, 32.7245,
31.2527

128.5450,
140.5485, 141.2700

■ 19.3852, 21.9154,
20.5313

161.0110,
175.5599, 177.4852

■ 12.0546, 13.7948,
12.5939

198.5292,
215.9504, 219.4143

■ 6.8534, 7.9781,
7.0221

241.4649,
262.1044, 267.4758

■ 3.4161, 4.0809,
3.3973

290.1834,

■ 1.3774, 1.7189,

314.4063, 322.0882

1.3009

345.0503,
373.2405, 383.6701

■ 0.2401, 0.4359,
0.0625

■ 0.0000, 0.0000,
0.0000

■ 57.8067, 63.9451,
62.7220

■ 57.8067, 63.9451,
62.7220

■ 50.8844, 60.6425,
50.4622

■ 65.6736, 67.6983,
76.8323

■ 44.8658, 57.7658,
39.9723

■ 74.5133, 71.9097,
92.8609

■ 39.7151, 55.3000,
31.1716

■ 83.0855, 76.0710,
104.9118

■ 35.3918, 53.2261,
23.9720

■ 31.8525, 51.5239,
18.2771

■ 29.0493, 50.1710,
13.9802

■ 26.9294, 49.1428,
10.9607

■ 25.4324, 48.4112,
9.0774

■ 24.4846, 47.9423,
8.1441

Harmonies

Analogous

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



59.4193, 63.9451, 59.6320



57.8067, 63.9451, 62.7220



56.9955, 63.9451, 67.7801

Triad

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



57.8067, 63.9451, 62.7220



60.1301, 63.9451, 81.2871



64.5234, 63.9451, 65.7782

Complementary

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



57.8067, 63.9451, 62.7220



59.0709, 59.0430, 71.2372

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.



64.7240, 63.9451, 71.5038



57.8067, 63.9451, 62.7220



62.1570, 63.9451, 80.6771

Square

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



57.8067, 63.9451, 62.7220



58.3171, 63.9451, 78.6405



63.8492, 63.9451, 77.0175



63.3070, 63.9451, 61.3269

Rectangle

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



57.8067, 63.9451, 62.7220



57.0058, 63.9451, 71.6802



63.8492, 63.9451, 77.0175



64.7129, 63.9451, 67.6101

Sweetspot

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



57.8085, 63.9478, 62.7234



92.6320, 98.8471, 104.5575



60.9307, 64.8150, 62.7262



19.8524, 21.1694, 22.4251



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.



57.8085, 63.9478, 62.7234



85.7292, 95.5545, 92.2201



57.9242, 63.9328, 66.1020



12.4148, 13.9745, 13.2037



14.8827, 29.2486, 4.8612



0.9490, 1.7906, 0.2956

Inverse Universe

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



59.0709, 59.0430, 71.2372



87.8908, 87.1559, 106.7982



58.9607, 59.0655, 67.6481



12.7827, 12.5449, 15.6852



19.5637, 9.2380, 39.2051



1.2262, 0.5810, 2.3668

Previews

White Background



This preview shows how the XYZ color 57.8067, 63.9451, 62.7220 looks on a white background.

Color Contrast Check

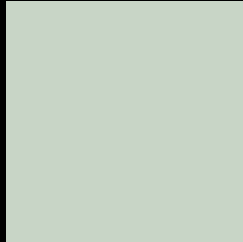
Large Text (above 18pt) WCAG AA × Fail

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 57.8067, 63.9451, 62.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

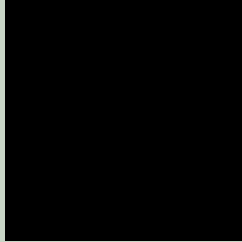
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

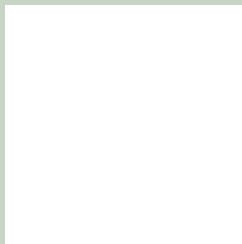
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8067, 63.9451, 62.7220

Background



This preview shows how black text looks on a background with the XYZ color 57.8067, 63.9451, 62.7220.

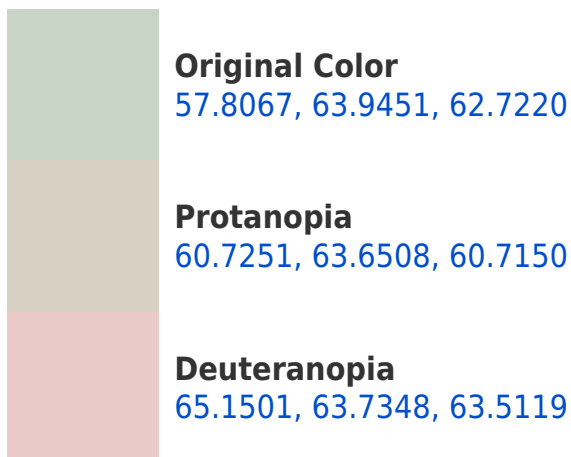


This preview shows how white text looks on a background with the XYZ color 57.8067, 63.9451,

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

61.2929, 63.8745, 80.3327

Trichromacy



Original Color

57.8067, 63.9451, 62.7220

Protanomaly

59.5887, 63.7803, 61.3947

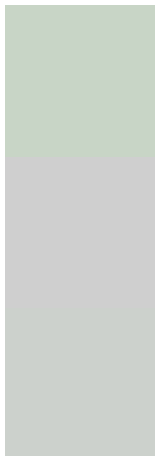
Deuteranomaly

62.1989, 63.6383, 63.0380

Tritanomaly

59.9409, 63.6960, 73.4253

Monochromacy



Original Color

57.8067, 63.9451, 62.7220

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6014, 62.7979, 66.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8067, 63.9451, 62.7220 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(200, 213, 198) looks like.

```
.text, #text, p{  
    color:rgb(200, 213, 198)  
}
```

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(200, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.8067, 63.9451, 62.7220 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(200, 213, 198) }
```


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

```
.border{ border-color:rgb(200, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 213,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8067, 63.9451, 62.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 198) }
```

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

```
.background{ background-color: rgb(200,  
213, 198) }
```

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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