

Converting Colors

XYZ(57.7874, 63.0345, 62.7039)

Have a look what the booklet for
XYZ(57.7874, 63.0345, 62.7039)
contains.

XYZ(57.8444, 63.2223, 62.5805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8444, 63.2223,
62.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3C6
RGB	202, 211, 198
RGB Percent	79%, 83%, 78%
CMY	0.2078, 0.1725, 0.2235
CMYK	0.04, 0.00, 0.06, 0.17
HSL	102°, 13%, 80%
HSV	102°, 6%, 83%
XYZ	57.8444, 63.2223, 62.5805
YIQ	206.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

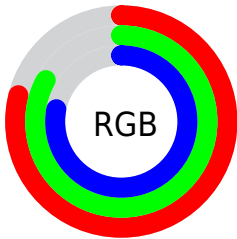
Format	Color
RYB	198, 211, 207
Decimal	13292486
CIELab	83.56, -5.42, 5.37
CIELCh	84, 7.625, 135.256
Yxy	63.2223, 0.3150, 0.3443
Android (android.graphics.Color)	4291482566 (0xFFCAD3C6)
YUV	206.8270, -4.3517, -4.2333
Hunter-Lab	79.5125, -9.2901, 8.9944

Details

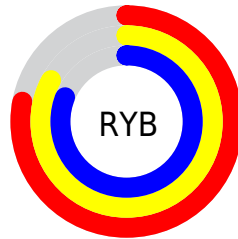
The XYZ color **57.8444, 63.2223, 62.5805** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6866, 58.3585, 69.8552**, and the grayscale version is **59.2260, 62.3103, 67.8560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3038, 32.4235, 31.0994** is the 20% darker color. If you saturate the color by 10%, you get **51.8107, 60.3755, 50.4662**, and if you desaturate by 10%, it is **64.5951, 66.4031, 76.5009**.

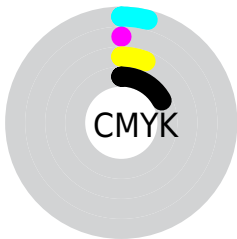
Distribution



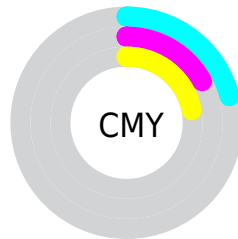
- Red (79%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8444, 63.2223, 62.5805 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 57.8444, 63.2223, 62.5805 by changing the saturation by 10% instead.

■ 57.8444, 63.2223,
62.5805

■ 57.8444, 63.2223,
62.5805

406.5691,
436.3758, 452.1114

■ 41.9263, 46.0211,
45.0631

100.8205,
109.4902, 110.1438

■ 29.2345, 32.2624,
31.1638

128.6093,
139.3256, 141.0268

■ 19.4034, 21.5620,
20.4641

161.0856,
174.1412, 177.2020

■ 12.0679, 13.5355,
12.5454

198.6150,
214.3214, 219.0881

■ 6.8625, 7.7983,
6.9893

241.5626,
260.2505, 267.1035

■ 3.4218, 3.9661,
3.3770

290.2940,

■ 1.3805, 1.6546,

312.3131, 321.6669

1.2902

345.1743,
370.8934, 383.1966

■ 0.2423, 0.3940,
0.0538

■ 0.0000, 0.0000,
0.0000

■ 57.8444, 63.2223,
62.5805

■ 57.8444, 63.2223,
62.5805

■ 51.8107, 60.3755,
50.4662

■ 64.5951, 66.4031,
76.5009

■ 46.4644, 57.8437,
40.0801

■ 72.0806, 69.9203,
92.2929

■ 41.7815, 55.6181,
31.3444

■ 79.2929, 73.3736,
104.5911

■ 37.7347, 53.6865,
24.1741

■ 82.5855, 75.0710,
104.7452

■ 34.2946, 52.0356,
18.4763

■ 31.4291, 50.6512,
14.1487

■ 29.1031, 49.5177,
11.0754

■ 27.2766, 48.6175,
9.1217

■ 25.9023, 47.9298,
8.1187

Harmonies

Analogous

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



59.2520, 63.2223, 60.3619



57.8444, 63.2223, 62.5805



57.0461, 63.2223, 66.5300

Triad

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



57.8444, 63.2223, 62.5805



59.2794, 63.2223, 78.0965



63.2345, 63.2223, 66.4525

Complementary

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



57.8444, 63.2223, 62.5805



57.6866, 58.3585, 69.8552

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.



63.2421, 63.2223, 71.1995



57.8444, 63.2223, 62.5805



60.9377, 63.2223, 78.0734

Square

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



57.8444, 63.2223, 62.5805



57.8642, 63.2223, 75.5618



62.3948, 63.2223, 75.5000



62.3740, 63.2223, 62.5261

Rectangle

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



57.8444, 63.2223, 62.5805



56.9573, 63.2223, 69.6822



62.3948, 63.2223, 75.5000



63.3374, 63.2223, 68.0013

Sweetspot

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



57.8462, 63.2250, 62.5819



92.9523, 99.0122, 104.5724



59.3441, 62.4980, 62.3626



19.9176, 21.2031, 22.4281



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.



57.8462, 63.2250, 62.5819



87.9061, 96.6339, 94.2548



57.0551, 62.7852, 63.9918



12.2450, 13.4987, 13.0714



15.4622, 28.8400, 4.7517



0.9454, 1.6543, 0.2695

Inverse Universe

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



57.6866, 58.3585, 69.8552



87.6265, 88.1088, 106.9960



58.5216, 58.8232, 68.3455



12.2035, 12.2339, 14.9618



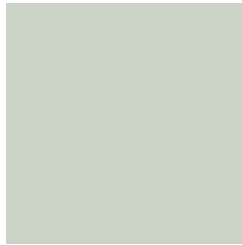
14.3697, 6.5882, 37.7068



0.8825, 0.4091, 2.1120

Previews

White Background



This preview shows how the XYZ color 57.8444, 63.2223, 62.5805 looks on a white background.

Color Contrast Check

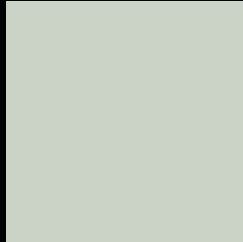
Large Text (above 18pt) WCAG AA × Fail

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 57.8444, 63.2223, 62.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

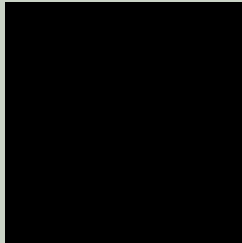
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

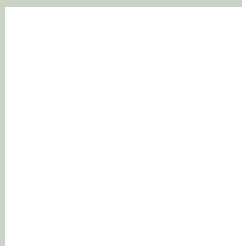
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8444, 63.2223, 62.5805

Background



This preview shows how black text looks on a background with the XYZ color 57.8444, 63.2223, 62.5805.



This preview shows how white text looks on a background with the XYZ color 57.8444, 63.2223,

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

57.8444, 63.2223, 62.5805

Protanopia

60.3010, 63.0582, 61.2178

Deuteranopia

64.2670, 62.9323, 63.4035



Tritanopia

61.2210, 63.1293, 79.4795

Trichromacy



Original Color

57.8444, 63.2223, 62.5805

Protanomaly

59.2123, 62.8446, 61.8327

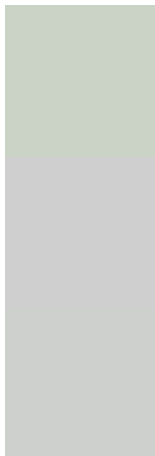
Deuteranomaly

61.6553, 63.0018, 62.9438

Tritanomaly

59.9985, 62.9972, 73.2874

Monochromacy



Original Color

57.8444, 63.2223, 62.5805

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6318, 62.4505, 66.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8444, 63.2223, 62.5805 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(202, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 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(202, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.8444, 63.2223, 62.5805 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(202, 211, 198) }
```


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

```
.border{ border-color:rgb(202, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8444, 63.2223, 62.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 198) }
```

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

```
.background{ background-color: rgb(202,  
211, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor