

Converting Colors

XYZ(57.7840, 64.6867, 62.8673)

Have a look what the booklet for
XYZ(57.7840, 64.6867, 62.8673)
contains.

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Color

**XYZ(57.7822, 64.6839,
62.8659)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D7C6
RGB	198, 215, 198
RGB Percent	78%, 84%, 78%
CMY	0.2235, 0.1568, 0.2235
CMYK	0.08, 0.00, 0.08, 0.16
HSL	120°, 18%, 81%
HSV	120°, 8%, 84%
XYZ	57.7822, 64.6839, 62.8659
YIQ	207.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

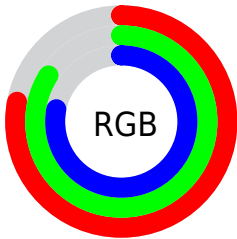
Format	Color
RYB	198, 215, 215
Decimal	13031366
CIELab	84.32, -8.85, 6.43
CIELCh	84, 10.938, 144.007
Yxy	64.6839, 0.3118, 0.3490
Android (android.graphics.Color)	4291221446 (0xFFC6D7C6)
YUV	207.9790, -4.9196, -8.7516
Hunter-Lab	80.4263, -12.5029, 9.9539

Details

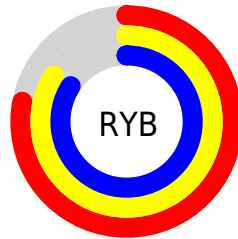
The XYZ color **57.7822, 64.6839, 62.8659** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4865, 59.7431, 72.6367**, and the grayscale version is **59.9752, 63.0986, 68.7143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1064, 33.0845, 31.2374** is the 20% darker color. If you saturate the color by 10%, you get **50.2059, 61.0465, 50.4720**, and if you desaturate by 10%, it is **66.5187, 68.8824, 77.1544**.

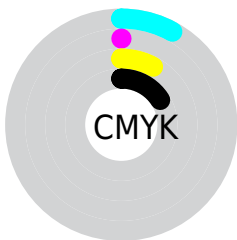
Distribution



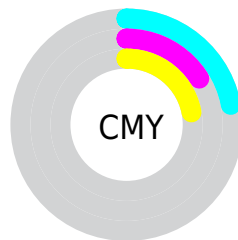
- Red (78%)
- Green (84%)
- Blue (78%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7822, 64.6839, 62.8659 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 57.7822, 64.6839, 62.8659 by changing the saturation by 10% instead.

■ 57.7822, 64.6839,
62.8659

■ 57.7822, 64.6839,
62.8659

406.3408,
441.6552, 453.1772

■ 41.8762, 47.2048,
45.2924

100.7304,
111.5953, 110.5597

■ 29.1950, 33.1976,
31.3432

128.5033,
141.7964, 141.5172

■ 19.3734, 22.2779,
20.5997

160.9625,
177.0069, 177.7730

■ 12.0460, 14.0612,
12.6433

198.4734,
217.6113, 219.7458

■ 6.8474, 8.1632,
7.0556

241.4013,
263.9939, 267.8541

■ 3.4124, 4.1996,
3.4179

290.1116,

■ 1.3754, 1.7858,

316.5392, 322.5164

1.3118

344.9697,
375.6315, 384.1512

■ 0.2386, 0.4783,
0.0714

■ 0.0000, 0.0000,
0.0000

■ 57.7822, 64.6839,
62.8659

■ 57.7822, 64.6839,
62.8659

■ 50.2059, 61.0465,
50.4720

■ 66.5187, 68.8824,
77.1544

■ 43.7359, 57.9386,
39.8892

■ 76.4556, 73.6556,
93.4077

■ 38.3221, 55.3381,
31.0340

■ 83.5917, 77.0834,
105.0806

■ 33.9084, 53.2180,
23.8146

■ 30.4337, 51.5489,
18.1311

■ 27.8301, 50.2983,
13.8722

■ 26.0204, 49.4290,
10.9120

■ 24.9141, 48.8976,
9.1024

■ 24.3827, 48.6423,
8.2331

Harmonies

Analogous

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



59.6015, 64.6839, 58.9160



57.7822, 64.6839, 62.8659



56.9561, 64.6839, 69.0440

Triad

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



57.7822, 64.6839, 62.8659



60.9943, 64.6839, 84.5710



65.8410, 64.6839, 65.1325

Complementary

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



57.7822, 64.6839, 62.8659



60.4865, 59.7431, 72.6367

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.



66.2376, 64.6839, 71.8340



57.7822, 64.6839, 62.8659



63.3978, 64.6839, 83.3536

Square

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



57.7822, 64.6839, 62.8659



58.7789, 64.6839, 81.8025



65.3325, 64.6839, 78.5772



64.2628, 64.6839, 60.1632

Rectangle

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



57.7822, 64.6839, 62.8659



57.0637, 64.6839, 73.7134



65.3325, 64.6839, 78.5772



66.1187, 64.6839, 67.2451

Sweetspot

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



57.7840, 64.6867, 62.8673



92.3882, 98.7214, 104.5461



62.5207, 67.1285, 63.0888



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



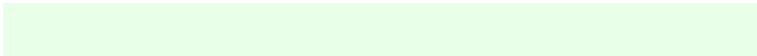
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7840, 64.6867, 62.8673



83.6276, 94.5132, 90.2168



58.7926, 65.0901, 68.1785



12.2625, 13.8960, 13.1967



14.5346, 29.0692, 4.8450



0.8767, 1.7533, 0.2922

Inverse Universe

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



60.4865, 59.7431, 72.6367



88.1606, 86.2213, 106.6031



59.4220, 59.3173, 67.0310



12.9531, 12.6327, 15.6931



24.0980, 11.5755, 39.4155



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 57.7822, 64.6839, 62.8659 looks on a white background.

Color Contrast Check

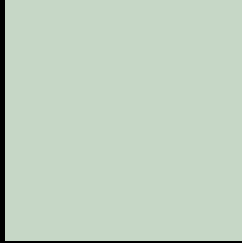
Large Text (above 18pt) WCAG AA × Fail

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 57.7822, 64.6839, 62.8659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

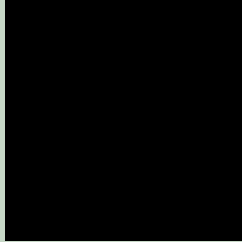
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

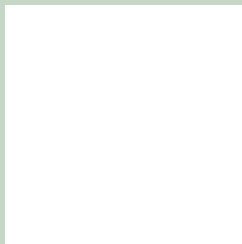
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7822, 64.6839, 62.8659

Background



This preview shows how black text looks on a background with the XYZ color 57.7822, 64.6839, 62.8659.



This preview shows how white text looks on a background with the XYZ color 57.7822, 64.6839, 62.8659.

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

57.7822, 64.6839, 62.8659

Protanopia

61.2661, 64.2928, 60.8104

Deuteranopia

65.7129, 64.3744, 63.6056



Tritanopia

61.7880, 64.8311, 81.9301

Trichromacy



Original Color

57.7822, 64.6839, 62.8659

Protanomaly

59.8364, 64.2757, 61.4773

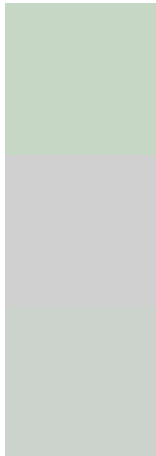
Deuteranomaly

62.4404, 64.1213, 63.1185

Tritanomaly

60.0255, 64.4623, 74.2445

Monochromacy



Original Color

57.7822, 64.6839, 62.8659

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0952, 63.7855, 66.3239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7822, 64.6839, 62.8659 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(198, 215, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 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(198, 215, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.7822, 64.6839, 62.8659 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(198, 215, 198) }
```


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

```
.border{ border-color:rgb(198, 215, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 215, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7822, 64.6839, 62.8659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 198) }
```

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

```
.background{ background-color: rgb(198,  
215, 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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