

Converting Colors

XYZ(57.8218, 58.9130, 62.6201)

Have a look what the booklet for
XYZ(57.8218, 58.9130, 62.6201)
contains.

| | |
|--|----|
| XYZ(57.8836, 58.9674, 62.3639) | 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(57.8836, 58.9674,
62.3639)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D4C7C7 |
| RGB | 212, 199, 199 |
| RGB Percent | 83%, 78%, 78% |
| CMY | 0.1686, 0.2196, 0.2196 |
| CMYK | 0.00, 0.06, 0.06, 0.17 |
| HSL | 0°, 13%, 81% |
| HSV | 0°, 6%, 83% |
| XYZ | 57.8836, 58.9674, 62.3639 |
| YIQ | 202.8870, 7.7480, 2.7560 |

Conversions

Conversions Part 2

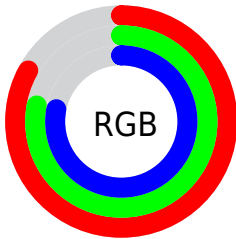
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 212, 199, 199 |
| Decimal | 13944775 |
| CIE Lab | 81.27, 4.53, 1.62 |
| CIE LCh | 81, 4.812, 19.662 |
| Yxy | 58.9674, 0.3230, 0.3290 |
| Android (android.graphics.Color) | 4292134855 (0xFFD4C7C7) |
| YUV | 202.8870, -1.9163, 7.9921 |
| Hunter-Lab | 76.7902, 0.1683, 5.6018 |

Details

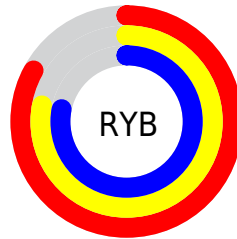
The XYZ color **57.8836, 58.9674, 62.3639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9802, 63.9816, 71.5292**, and the grayscale version is **56.7035, 59.6564, 64.9659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1409, 29.4632, 30.9391** is the 20% darker color. If you saturate the color by 10%, you get **51.0504, 48.9691, 48.7763**, and if you desaturate by 10%, it is **65.7422, 70.4663, 77.9866**.

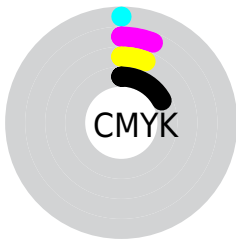
Distribution



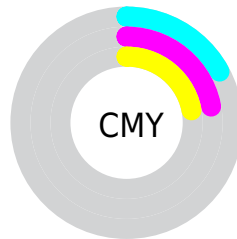
- Red (83%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8836, 58.9674, 62.3639 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 57.8836, 58.9674, 62.3639 by changing the saturation by 10% instead.

■ 57.8836, 58.9674,
62.3639

■ 57.8836, 58.9674,
62.3639

406.7129,
420.7811, 451.3015

■ 41.9580, 42.5869,
44.8891

100.8773,
103.3303, 109.8280

■ 29.2594, 29.5611,
31.0278

128.6760,
132.0814, 140.6544

■ 19.4224, 19.5057,
20.3614

161.1632,
165.7249, 176.7684

■ 12.0817, 12.0362,
12.4713

198.7042,
204.6451, 218.5885

■ 6.8719, 6.7684,
6.9391

241.6643,
249.2264, 266.5334

■ 3.4277, 3.3177,
3.3462

290.4089,

■ 1.3838, 1.2997,

299.8533, 321.0215

1.2740

345.3033,
356.9100, 382.4713

■ 0.2446, 0.1410,
0.0403

■ 0.0000, 0.0000,
0.0000

■ 57.8836, 58.9674,
62.3639

■ 57.8836, 58.9674,
62.3639

■ 51.0504, 48.9691,
48.7763

■ 65.7422, 70.4663,
77.9866

■ 45.1957, 40.4023,
37.1364

■ 74.6609, 83.5159,
95.7191

■ 40.2762, 33.2039,
27.3562

■ 80.9617, 92.7372,
108.2407

■ 36.2435, 27.3029,
19.3394

■ 33.0449, 22.6222,
12.9810

■ 30.6219, 19.0765,
8.1651

■ 28.9089, 16.5695,
4.7606

■ 27.8290, 14.9889,
2.6149

■ 27.2863, 14.1944,
1.5371

Harmonies

Analogous

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



57.9666, 58.9674, 65.2023



57.8836, 58.9674, 62.3639



57.3051, 58.9674, 60.0845

Triad

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



57.8836, 58.9674, 62.3639



54.5887, 58.9674, 60.6943



55.7012, 58.9674, 69.7970

Complementary

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



57.8836, 58.9674, 62.3639



58.9802, 63.9816, 71.5292

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.



54.8069, 58.9674, 68.5107



57.8836, 58.9674, 62.3639



54.1698, 58.9674, 63.2188

Square

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



57.8836, 58.9674, 62.3639



55.4000, 58.9674, 59.1406



54.2492, 58.9674, 66.0829



56.6985, 58.9674, 69.5515

Rectangle

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



57.8836, 58.9674, 62.3639



56.7201, 58.9674, 59.1618



54.2492, 58.9674, 66.0829



55.3787, 58.9674, 69.5280

Sweetspot

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



57.8853, 58.9700, 62.3652



92.6346, 96.4658, 104.0977



59.4593, 59.5982, 70.6579



19.8529, 20.6847, 22.3315



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.



57.8853, 58.9700, 62.3652



86.8771, 88.0413, 92.6505



59.4121, 62.0237, 62.8741



12.7231, 12.8596, 13.4990



16.7624, 8.6421, 0.7846



1.0111, 0.5215, 0.0474

Inverse Universe

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



58.9802, 63.9816, 71.5292



88.7836, 96.7672, 108.6063



57.3888, 60.7987, 70.9987



13.0216, 14.2258, 15.9971



21.8620, 31.9858, 43.4748



1.3187, 1.9294, 2.6222

Previews

White Background



This preview shows how the XYZ color 57.8836, 58.9674, 62.3639 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 57.8836, 58.9674, 62.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

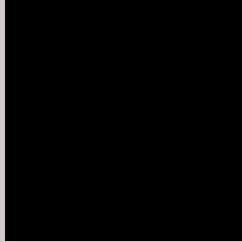
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

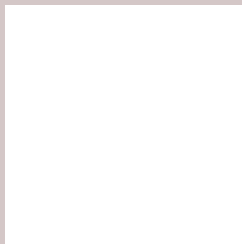
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8836, 58.9674, 62.3639

Background



This preview shows how black text looks on a background with the XYZ color 57.8836, 58.9674, 62.3639.



This preview shows how white text looks on a background with the XYZ color 57.8836, 58.9674,

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

57.8836, 58.9674, 62.3639

Protanopia

56.7656, 59.0652, 63.0524

Deuteranopia

60.0646, 58.7299, 62.8138



Tritanopia

59.5815, 58.9821, 70.5318

Trichromacy



Original Color

57.8836, 58.9674, 62.3639

Protanomaly

57.0920, 58.8886, 63.0011

Deuteranomaly

59.0787, 58.5554, 62.8321

Tritanomaly

58.8971, 59.0393, 67.3230

Monochromacy



Original Color

57.8836, 58.9674, 62.3639

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2348, 59.6271, 64.3697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8836, 58.9674, 62.3639 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(212, 199, 199) looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 199)  
}
```

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(212, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.8836, 58.9674, 62.3639 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(212, 199, 199) }
```


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

```
.border{ border-color:rgb(212, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8836, 58.9674, 62.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 199) }
```

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

```
.background{ background-color: rgb(212,  
199, 199) }
```

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