

Converting Colors

XYZ(57.8071, 57.4835, 66.4412)

Have a look what the booklet for
XYZ(57.8071, 57.4835, 66.4412)
contains.

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Color

**XYZ(57.8071, 57.4835,
66.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C3CE
RGB	212, 195, 206
RGB Percent	83%, 76%, 81%
CMY	0.1686, 0.2353, 0.1922
CMYK	0.00, 0.08, 0.03, 0.17
HSL	321°, 17%, 80%
HSV	321°, 8%, 83%
XYZ	57.8071, 57.4835, 66.4412
YIQ	201.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

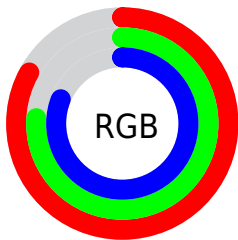
Format	Color
R_{YB}	212, 195, 206
Decimal	13943758
CIE Lab	80.45, 7.89, -3.34
CIE LCh	80, 8.571, 337.040
Yxy	57.4835, 0.3181, 0.3163
Android (android.graphics.Color)	4292133838 (0xFFD4C3CE)
YUV	201.3370, 2.2989, 9.3515
Hunter-Lab	75.8179, 3.4155, 1.1151

Details

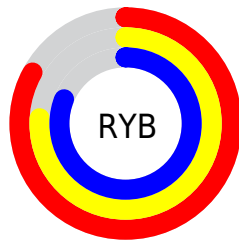
The XYZ color **57.8071, 57.4835, 66.4412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5940, 62.9077, 64.4210**, and the grayscale version is **55.7111, 58.6124, 63.8289**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.0970, 28.4848, 33.6703** is the 20% darker color. If you saturate the color by 10%, you get **52.5030, 48.2951, 60.2942**, and if you desaturate by 10%, it is **63.8322, 68.0429, 73.0436**.

Distribution



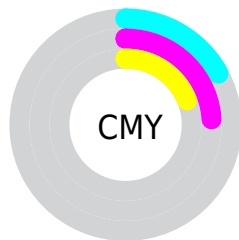
- Red (83%)
- Green (76%)
- Blue (81%)



- Red (83%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8071, 57.4835, 66.4412 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 57.8071, 57.4835, 66.4412 by changing the saturation by 10% instead.

■ 57.8071, 57.4835,
66.4412

■ 57.8071, 57.4835,
66.4412

406.4322,
415.2586, 466.4003

■ 41.8962, 41.3936,
48.1719

■ 100.7665,
101.1703, 115.7524

■ 29.2108, 28.6267,
33.6021

128.5457,
129.5360, 147.6313

■ 19.3854, 18.7986,
22.3132

161.0118,
162.7624, 184.8839

■ 12.0548, 11.5249,
13.8867

198.5301,
201.2339, 227.9287

■ 6.8535, 6.4210,
7.9041

241.4659,
245.3348, 277.1842

■ 3.4161, 3.1027,
3.9467

290.1846,

■ 1.3775, 1.1856,

295.4497, 333.0689

1.5962

345.0516,
351.9628, 396.0015

■ 0.2401, 0.0499,
0.2881

■ 0.0000, 0.0000,
0.0000

■ 57.8071, 57.4835,
66.4412

■ 57.8071, 57.4835,
66.4412

■ 52.5030, 48.2951,
60.2942

■ 63.8322, 68.0429,
73.0436

■ 47.8861, 40.4136,
54.5862

■ 70.6005, 80.0194,
80.1095

■ 43.9271, 33.7806,
49.3052

■ 76.9784, 91.1439,
87.2646

■ 40.5927, 28.3305,
44.4370

■ 78.0430, 91.5698,
92.8707

■ 37.8467, 23.9916,
39.9664

■ 79.1532, 92.0138,
98.7168

■ 35.6487, 20.6845,
35.8767

■ 80.3095, 92.4763,
104.8057

■ 33.9531, 18.3190,
32.1496

■ 80.9618, 92.7373,
108.2407

■ 32.7065, 16.7893,
28.7636

■ 31.8317, 15.9422,
25.6898

Harmonies

Analogous

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



56.6971, 57.4835, 70.6365



57.8071, 57.4835, 66.4412



58.0590, 57.4835, 61.4112

Triad

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



57.8071, 57.4835, 66.4412



54.2233, 57.4835, 53.4683



51.9833, 57.4835, 68.6019

Complementary

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



57.8071, 57.4835, 66.4412



56.5940, 62.9077, 64.4210

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.



51.3509, 57.4835, 63.7833



57.8071, 57.4835, 66.4412



52.6261, 57.4835, 55.1786

Square

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



57.8071, 57.4835, 66.4412



55.9651, 57.4835, 54.0953



51.5837, 57.4835, 58.8901



53.3288, 57.4835, 71.9299

Rectangle

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



57.8071, 57.4835, 66.4412



57.7016, 57.4835, 58.2927



51.5837, 57.4835, 58.8901



51.6816, 57.4835, 67.0930

Sweetspot

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



57.8087, 57.4860, 66.4424



93.1560, 96.6737, 106.8453



55.4750, 56.1971, 70.2116



19.9591, 20.7270, 22.8909



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.



57.8087, 57.4860, 66.4424



86.0321, 84.2294, 98.9107



56.8097, 57.0864, 61.1816



12.7582, 12.5548, 14.6670



19.6057, 9.7786, 15.7597



1.2212, 0.6053, 1.1540

Inverse Universe

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



57.8087, 57.4860, 66.4424



86.0321, 84.2294, 98.9107



57.6155, 63.3163, 69.8000



12.7582, 12.5548, 14.6670



19.6057, 9.7786, 15.7597



1.2212, 0.6053, 1.1540

Previews

White Background



This preview shows how the XYZ color 57.8071, 57.4835, 66.4412 looks on a white background.

Color Contrast Check

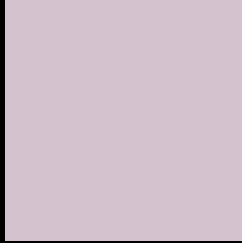
Large Text (above 18pt) WCAG AA × Fail

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 57.8071, 57.4835, 66.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

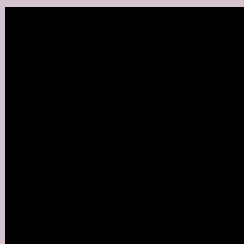
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

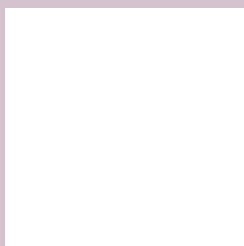
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8071, 57.4835, 66.4412

Background



This preview shows how black text looks on a background with the XYZ color 57.8071, 57.4835, 66.4412.



This preview shows how white text looks on a background with the XYZ color 57.8071, 57.4835,

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

57.8071, 57.4835, 66.4412

Protanopia

55.8960, 57.8184, 67.8885

Deuteranopia

58.7513, 57.6387, 66.4214



Tritanopia

58.3652, 57.3829, 68.9726

Trichromacy



Original Color

57.8071, 57.4835, 66.4412

Protanomaly

56.6334, 57.8723, 67.2171

Deuteranomaly

58.4567, 57.4869, 66.4076

Tritanomaly

58.2410, 57.3332, 68.3184

Monochromacy



Original Color

57.8071, 57.4835, 66.4412

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3798, 58.1378, 64.7501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8071, 57.4835, 66.4412 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, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 206)  
}
```

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, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.8071, 57.4835, 66.4412 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, 195, 206) }
```


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

```
.border{ border-color:rgb(212, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8071, 57.4835, 66.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 206) }
```

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

```
.background{ background-color: rgb(212,  
195, 206) }
```

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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