

Converting Colors

XYZ(58.6788, 56.6813, 74.8714)

Have a look what the booklet for
XYZ(58.6788, 56.6813, 74.8714)
contains.

XYZ(58.7872, 56.8108, 74.8850)	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(58.7872, 56.8108,
74.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C0DB
RGB	212, 192, 219
RGB Percent	83%, 75%, 86%
CMY	0.1686, 0.2470, 0.1412
CMYK	0.03, 0.12, 0.00, 0.14
HSL	284°, 27%, 81%
HSV	284°, 12%, 86%
XYZ	58.7872, 56.8108, 74.8850
YIQ	201.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

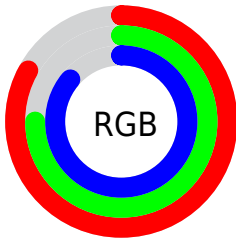
Format	Color
R _Y B	212, 192, 219
Decimal	13943003
CIE Lab	80.07, 11.90, -10.90
CIE LCh	80, 16.135, 317.522
Yxy	56.8108, 0.3086, 0.2982
Android (android.graphics.Color)	4292133083 (0xFFD4C0DB)
YUV	201.0580, 8.8454, 9.5961
Hunter-Lab	75.3729, 7.3186, -6.1451

Details

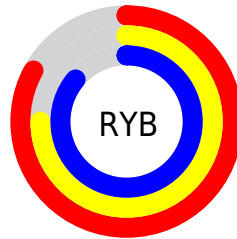
The XYZ color **58.7872, 56.8108, 74.8850** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.4012, 66.6124, 59.6514**, and the grayscale version is **55.5002, 58.3906, 63.5873**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.8381, 28.3137, 39.0144** is the 20% darker color. If you saturate the color by 10%, you get **52.7242, 47.0714, 73.3255**, and if you desaturate by 10%, it is **65.6267, 68.0157, 76.6881**.

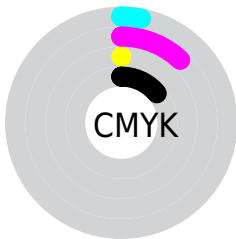
Distribution



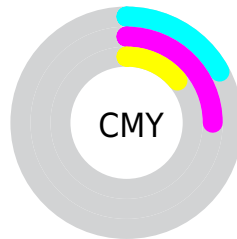
- Red (83%)
- Green (75%)
- Blue (86%)



- Red (83%)
- Yellow (75%)
- Blue (86%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7872, 56.8108, 74.8850 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 58.7872, 56.8108, 74.8850 by changing the saturation by 10% instead.

■ 58.7872, 56.8108,
74.8850

■ 58.7872, 56.8108,
74.8850

410.0196,
412.7400, 496.7671

■ 42.6875, 40.8534,
55.0175

■ 102.1847,
100.1891, 127.8952

■ 29.8335, 28.2045,
39.0171

130.2133,
128.3787, 161.8749

■ 19.8597, 18.4799,
26.4651

162.9489,
161.4145, 201.3959

■ 12.4008, 11.2951,
16.9430

200.7569,
199.6808, 246.8765

■ 7.0914, 6.2657,
10.0323

244.0026,
243.5622, 298.7354

■ 3.5661, 3.0073,
5.3145

293.0513,

■ 1.4597, 1.1355,

293.4429, 357.3911

2.3710

348.2686,
349.7074, 423.2622

■ 0.2982, 0.0081,
0.7706

■ 0.0000, 0.0000,
0.0000

■ 58.7872, 56.8108,
74.8850

■ 58.7872, 56.8108,
74.8850

■ 52.7242, 47.0714,
73.3255

■ 65.6267, 68.0157,
76.6881

■ 47.4004, 38.7270,
71.9955

■ 73.2676, 80.7382,
78.7411

■ 42.7833, 31.7119,
70.8848

■ 80.8711, 93.2986,
80.7648

■ 38.8353, 25.9525,
69.9812

■ 82.7132, 94.2482,
80.8510

■ 35.5157, 21.3677,
69.2712

■ 84.6151, 95.2287,
80.9400

■ 32.7785, 17.8668,
68.7397

■ 86.5775, 96.2403,
81.0318

■ 30.5711, 15.3456,
68.3694

■ 88.6007, 97.2833,
81.1265

■ 28.8305, 13.6787,
68.1394

■ 89.7863, 97.8945,
81.1820

■ 27.7310, 12.8188,
68.0314

Harmonies

Analogous

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



55.9197, 56.8108, 80.7458



58.7872, 56.8108, 74.8850



60.3971, 56.8108, 65.8457

Triad

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



58.7872, 56.8108, 74.8850



55.3722, 56.8108, 45.8332



48.1989, 56.8108, 67.4609

Complementary

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



58.7872, 56.8108, 74.8850



58.4012, 66.6124, 59.6514

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.



48.0658, 56.8108, 58.0333



58.7872, 56.8108, 74.8850



52.1188, 56.8108, 46.1712

Square

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



58.7872, 56.8108, 74.8850



58.3725, 56.8108, 49.4601



49.4743, 56.8108, 50.4356



49.8458, 56.8108, 76.1701

Rectangle

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



58.7872, 56.8108, 74.8850



60.4992, 56.8108, 59.5209



49.4743, 56.8108, 50.4356



47.9781, 56.8108, 64.2540

Sweetspot

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



58.7889, 56.8132, 74.8862



90.9156, 93.1657, 107.7988



54.9962, 57.2624, 75.1728



19.2977, 19.6745, 23.0304



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.



58.7889, 56.8132, 74.8862



80.4834, 76.1442, 105.0631



60.0370, 57.5507, 70.6968



13.2677, 13.0961, 16.4807



16.5501, 7.6561, 40.3439



1.1508, 0.5365, 2.6174

Inverse Universe

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



58.3738, 56.8854, 61.9390



79.8077, 76.2846, 82.9508



57.2995, 65.9621, 63.3221



13.1939, 13.1067, 14.2824



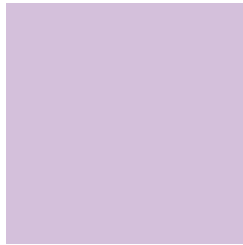
17.7950, 9.1191, 3.3008



1.1880, 0.6048, 0.3988

Previews

White Background



This preview shows how the XYZ color 58.7872, 56.8108, 74.8850 looks on a white background.

Color Contrast Check

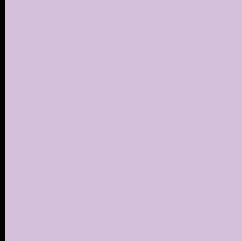
Large Text (above 18pt) WCAG AA × Fail

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 58.7872, 56.8108, 74.8850 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 58.7872, 56.8108, 74.8850

Background



This preview shows how black text looks on a background with the XYZ color 58.7872, 56.8108, 74.8850.



This preview shows how white text looks on a background with the XYZ color 58.7872, 56.8108,

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

58.7872, 56.8108, 74.8850

Protanopia

55.6567, 56.8085, 77.1390

Deuteranopia

58.1506, 56.8097, 74.9183



Tritanopia

57.3788, 56.8887, 68.2780

Trichromacy



Original Color

58.7872, 56.8108, 74.8850

Protanomaly

56.6536, 56.6682, 76.3587

Deuteranomaly

58.4345, 56.9560, 74.9316

Tritanomaly

57.9442, 56.7929, 70.8589

Monochromacy



Original Color

58.7872, 56.8108, 74.8850

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7561, 57.9214, 67.8631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7872, 56.8108, 74.8850 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, 192, 219) looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 219)  
}
```

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, 192, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.7872, 56.8108, 74.8850 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, 192, 219) }
```


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

```
.border{ border-color:rgb(212, 192, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 192, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7872, 56.8108, 74.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 219) }
```

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

```
.background{ background-color: rgb(212,  
192, 219) }
```

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