

Converting Colors

XYZ(58.7862, 59.5086, 74.7418)

Have a look what the booklet for
XYZ(58.7862, 59.5086, 74.7418)
contains.

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Color

**XYZ(58.7628, 59.4923,
74.7157)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8DA
RGB	206, 200, 218
RGB Percent	81%, 78%, 85%
CMY	0.1921, 0.2157, 0.1451
CMYK	0.06, 0.08, 0.00, 0.15
HSL	260°, 20%, 82%
HSV	260°, 8%, 85%
XYZ	58.7628, 59.4923, 74.7157
YIQ	203.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

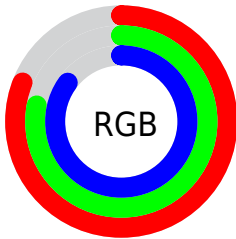
Format	Color
R _Y B	206, 200, 218
Decimal	13551834
CIE Lab	81.56, 5.43, -8.20
CIE LCh	82, 9.830, 303.503
Yxy	59.4923, 0.3045, 0.3083
Android (android.graphics.Color)	4291741914 (0xFFCEC8DA)
YUV	203.8460, 6.9779, 1.8891
Hunter-Lab	77.1313, 1.0114, -3.4413

Details

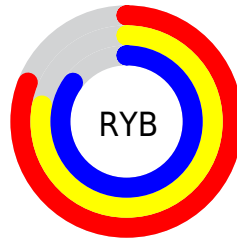
The XYZ color **58.7628, 59.4923, 74.7157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6502, 68.3115, 64.5299**, and the grayscale version is **57.2571, 60.2389, 65.6002**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8386, 29.8775, 38.8446** is the 20% darker color. If you saturate the color by 10%, you get **50.2195, 48.1212, 72.9720**, and if you desaturate by 10%, it is **68.4026, 72.5006, 76.7194**.

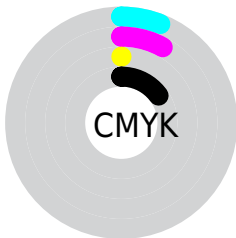
Distribution



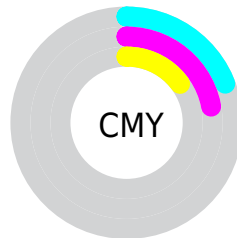
- Red (81%)
- Green (78%)
- Blue (85%)



- Red (81%)
- Yellow (78%)
- Blue (85%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7628, 59.4923, 74.7157 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 58.7628, 59.4923, 74.7157 by changing the saturation by 10% instead.

■ 58.7628, 59.4923,
74.7157

■ 58.7628, 59.4923,
74.7157

409.9305,
422.7239, 496.1691

■ 42.6678, 43.0095,
54.8797

102.1494,
104.0928, 127.6532

■ 29.8180, 29.8926,
38.9075

130.1718,
132.9794, 161.5918

■ 19.8478, 19.7571,
26.3805

162.9007,
166.7694, 201.0684

■ 12.3921, 12.2186,
16.8802

200.7015,
205.8471, 246.5014

■ 7.0854, 6.8927,
9.9880

243.9395,
250.5970, 298.3095

■ 3.5624, 3.3951,
5.2855

292.9801,

■ 1.4577, 1.3413,

301.4035, 356.9111

2.3541

348.1887,
358.6510, 422.7248

■ 0.2968, 0.1729,
0.7613

■ 0.0000, 0.0000,
0.0000

■ 58.7628, 59.4923,
74.7157

■ 58.7628, 59.4923,
74.7157

■ 50.2195, 48.1212,
72.9720

■ 68.4026, 72.5006,
76.7194

■ 42.7272, 38.3139,
71.4739

■ 79.1720, 87.2005,
78.9891

■ 36.2447, 30.0026,
70.2114

■ 87.6992, 96.8337,
80.3991

■ 30.7258, 23.1115,
69.1721

■ 89.6551, 97.8420,
80.4907

■ 26.1207, 17.5579,
68.3429

■ 22.3746, 13.2504,
67.7089

■ 19.4262, 10.0857,
67.2534

■ 17.2048, 7.9429,
66.9569

■ 15.6123, 6.6478,
66.7909

Harmonies

Analogous

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



56.7883, 59.4923, 76.7863



58.7628, 59.4923, 74.7157



60.1692, 59.4923, 69.9770

Triad

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



58.7628, 59.4923, 74.7157



58.3333, 59.4923, 55.1357



52.6793, 59.4923, 65.4733

Complementary

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



58.7628, 59.4923, 74.7157



62.6502, 68.3115, 64.5299

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.



53.0705, 59.4923, 59.8412



58.7628, 59.4923, 74.7157



56.3037, 59.4923, 54.0900

Square

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



58.7628, 59.4923, 74.7157



59.9171, 59.4923, 58.7085



54.3850, 59.4923, 55.7612



53.3031, 59.4923, 71.2499

Rectangle

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



58.7628, 59.4923, 74.7157



60.5778, 59.4923, 66.0706



54.3850, 59.4923, 55.7612



52.6965, 59.4923, 63.5004

Sweetspot

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



58.7645, 59.4948, 74.7170



92.2045, 96.1498, 108.3068



60.0949, 64.5803, 75.6285



19.7654, 20.6204, 23.1883



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.



58.7645, 59.4948, 74.7170



81.4670, 81.7125, 106.0861



61.2473, 60.7747, 74.8332



12.7455, 12.8269, 16.4562



9.3140, 3.9257, 40.0052



0.6930, 0.3005, 2.5959

Inverse Universe

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



61.4534, 60.9700, 70.8195



86.1097, 84.2604, 99.3191



60.2091, 67.0531, 64.4156



13.4203, 13.1972, 15.4746



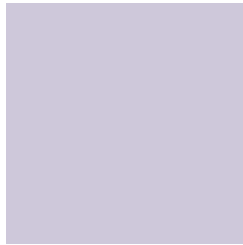
20.4523, 10.1820, 17.2936



1.3644, 0.6754, 1.3276

Previews

White Background



This preview shows how the XYZ color 58.7628, 59.4923, 74.7157 looks on a white background.

Color Contrast Check

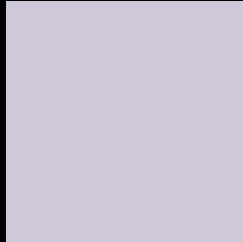
Large Text (above 18pt) WCAG AA × Fail

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 58.7628, 59.4923, 74.7157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

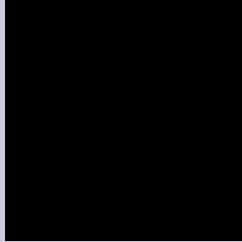
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7628, 59.4923, 74.7157

Background



This preview shows how black text looks on a background with the XYZ color 58.7628, 59.4923, 74.7157.

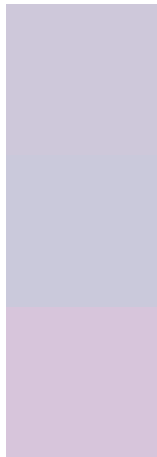


This preview shows how white text looks on a background with the XYZ color 58.7628, 59.4923,

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

58.7628, 59.4923, 74.7157

Protanopia

58.0299, 59.4443, 75.4332

Deuteranopia

60.7768, 59.4941, 75.2981



Tritanopia

58.5025, 59.3882, 73.3454

Trichromacy



Original Color

58.7628, 59.4923, 74.7157

Protanomaly

58.3014, 59.5843, 75.4459

Deuteranomaly

60.1316, 59.4997, 75.3331

Tritanomaly

58.6323, 59.4401, 74.0285

Monochromacy



Original Color

58.7628, 59.4923, 74.7157

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.0414, 60.2945, 68.9005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7628, 59.4923, 74.7157 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(206, 200, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 218)  
}
```

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(206, 200, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 218) }
```

Border

The CSS property to change the border of an element to XYZ 58.7628, 59.4923, 74.7157 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(206, 200, 218) }
```


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

```
.border{ border-color:rgb(206, 200, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7628, 59.4923, 74.7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 218) }
```

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

```
.background{ background-color: rgb(206,  
200, 218) }
```

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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