

Converting Colors

XYZ(59.8681, 59.6977, 72.5668)

Have a look what the booklet for
XYZ(59.8681, 59.6977, 72.5668)
contains.

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Color

**XYZ(59.8405, 59.7502,
72.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C7D7
RGB	212, 199, 215
RGB Percent	83%, 78%, 84%
CMY	0.1686, 0.2196, 0.1569
CMYK	0.01, 0.07, 0.00, 0.16
HSL	289°, 17%, 81%
HSV	289°, 7%, 84%
XYZ	59.8405, 59.7502, 72.6690
YIQ	204.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

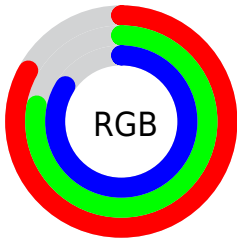
Format	Color
R _Y B	212, 199, 215
Decimal	13944791
CIE Lab	81.70, 7.41, -6.33
CIE LCh	82, 9.743, 319.491
Yxy	59.7502, 0.3112, 0.3108
Android (android.graphics.Color)	4292134871 (0xFFD4C7D7)
YUV	204.7110, 5.0725, 6.3925
Hunter-Lab	77.2983, 2.9140, -1.6305

Details

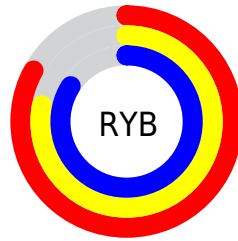
The XYZ color **59.8405, 59.7502, 72.6690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9687, 65.2826, 63.5287**, and the grayscale version is **57.8139, 60.8247, 66.2381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3752, 29.9570, 37.4390** is the 20% darker color. If you saturate the color by 10%, you get **54.0917, 49.9559, 71.0824**, and if you desaturate by 10%, it is **66.3207, 70.9624, 74.4925**.

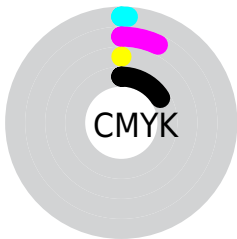
Distribution



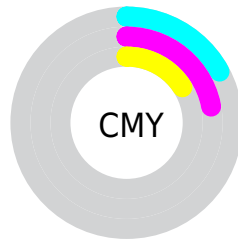
- Red (83%)
- Green (78%)
- Blue (84%)



- Red (83%)
- Yellow (78%)
- Blue (84%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8405, 59.7502, 72.6690 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 59.8405, 59.7502, 72.6690 by changing the saturation by 10% instead.

■ 59.8405, 59.7502,
72.6690

■ 59.8405, 59.7502,
72.6690

413.8538,
423.6764, 488.9068

■ 43.5391, 43.2173,
53.2152

103.7059,
104.4672, 124.7238

■ 30.5046, 30.0557,
37.5857

132.0006,
133.4201, 158.1618

■ 20.3719, 19.8808,
25.3619

165.0237,
167.2819, 197.0983

■ 12.7755, 12.3085,
16.1255

203.1407,
206.4368, 241.9518

■ 7.3501, 6.9541,
9.4577

246.7168,
251.2693, 293.1408

■ 3.7303, 3.4334,
4.9400

296.1175,

■ 1.5507, 1.3620,

302.1638, 351.0840

2.1540

351.7080,
359.5047, 416.1998

■ 0.3599, 0.1884,
0.6476

■ 0.0000, 0.0000,
0.0000

■ 59.8405, 59.7502,
72.6690

■ 59.8405, 59.7502,
72.6690

■ 54.0917, 49.9559,
71.0824

■ 66.3207, 70.9624,
74.4925

■ 49.0396, 41.5133,
69.7191

■ 73.5548, 83.6397,
76.5582

■ 44.6548, 34.3626,
68.5700

■ 78.7969, 92.2894,
77.9515

■ 40.9032, 28.4362,
67.6238

■ 80.0623, 92.9417,
78.0107

37.7479, 23.6606,
66.8683

81.3576, 93.6095,
78.0713

35.1479, 19.9541,
66.2899

82.6829, 94.2927,
78.1333

33.0569, 17.2243,
65.8732

84.0384, 94.9915,
78.1968

31.4204, 15.3628,
65.6002

85.4244, 95.7060,
78.2616

30.1647, 14.2222,
65.4462

86.8411, 96.4363,
78.3279

Harmonies

Analogous

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



58.1161, 59.7502, 76.2896



59.8405, 59.7502, 72.6690



60.7549, 59.7502, 67.1384

Triad

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



59.8405, 59.7502, 72.6690



57.5127, 59.7502, 54.5783



53.1556, 59.7502, 68.8974

Complementary

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



59.8405, 59.7502, 72.6690



58.9687, 65.2826, 63.5287

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.



53.0029, 59.7502, 63.0207



59.8405, 59.7502, 72.6690



55.4858, 59.7502, 54.9863

Square

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



59.8405, 59.7502, 72.6690



59.3897, 59.7502, 56.8473



53.8465, 59.7502, 57.9975



54.2688, 59.7502, 74.0231

Rectangle

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



59.8405, 59.7502, 72.6690



60.7676, 59.7502, 63.2141



53.8465, 59.7502, 57.9975



52.9913, 59.7502, 66.9370

Sweetspot

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



59.8422, 59.7528, 72.6703



93.0935, 96.6081, 108.3484



56.9889, 59.3862, 72.7499



19.9464, 20.7136, 23.1968



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.



59.8422, 59.7528, 72.6703



86.5948, 85.4141, 106.5303



60.1074, 59.9597, 69.5105



12.7141, 12.5095, 15.6820



17.9517, 8.4069, 39.1297



1.1431, 0.5382, 2.3629

Inverse Universe

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



59.1106, 59.5610, 64.2613



85.3025, 85.0781, 91.5528



58.7309, 65.0946, 66.4726



12.5175, 12.4585, 13.3992



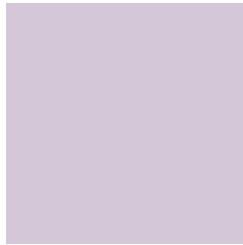
17.0232, 8.7456, 2.1604



1.0555, 0.5390, 0.2819

Previews

White Background



This preview shows how the XYZ color 59.8405, 59.7502, 72.6690 looks on a white background.

Color Contrast Check

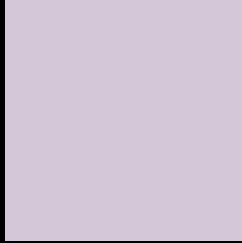
Large Text (above 18pt) WCAG AA × Fail

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 59.8405, 59.7502, 72.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

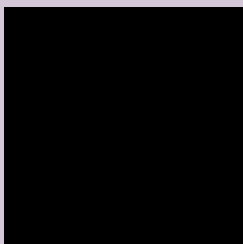
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

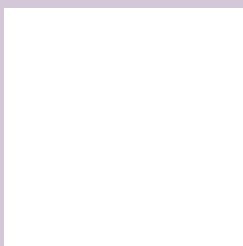
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8405, 59.7502, 72.6690

Background



This preview shows how black text looks on a background with the XYZ color 59.8405, 59.7502, 72.6690.

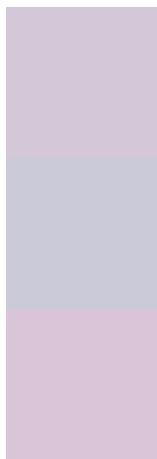


This preview shows how white text looks on a background with the XYZ color 59.8405, 59.7502,

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

59.8405, 59.7502, 72.6690

Protanopia

58.2735, 59.9473, 74.1453

Deuteranopia

60.8473, 59.5905, 72.5851



Tritanopia

59.8405, 59.7502, 72.6690

Trichromacy



Original Color

59.8405, 59.7502, 72.6690

Protanomaly

58.7349, 59.8530, 73.4229

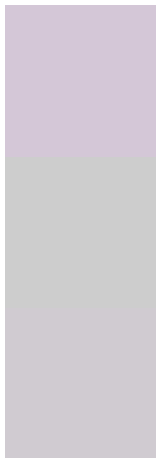
Deuteranomaly

60.4842, 59.7415, 72.6334

Tritanomaly

59.8405, 59.7502, 72.6690

Monochromacy



Original Color

59.8405, 59.7502, 72.6690

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8770, 60.7252, 68.9396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8405, 59.7502, 72.6690 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.8405, 59.7502, 72.6690 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, 215) }
```


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

```
.border{ border-color:rgb(212, 199, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8405, 59.7502, 72.6690 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, 215) }
```

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

```
.background{ background-color: rgb(212,  
199, 215) }
```

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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