

# Converting Colors

XYZ(62.0101, 61.3875, 72.9947)

Have a look what the booklet for  
XYZ(62.0101, 61.3875, 72.9947)  
contains.

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# Color

**XYZ(62.0658, 61.5850,  
72.9059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC9D7
RGB	218, 201, 215
RGB Percent	85%, 79%, 84%
CMY	0.1451, 0.2117, 0.1569
CMYK	0.00, 0.08, 0.01, 0.15
HSL	311°, 19%, 82%
HSV	311°, 8%, 85%
XYZ	62.0658, 61.5850, 72.9059
YIQ	207.6790, 5.6380, 7.9580

# Conversions

## Conversions Part 2

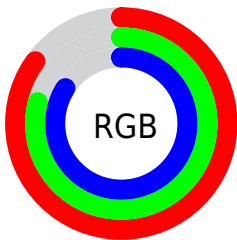
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 201, 215
Decimal	14338519
CIE Lab	82.69, 8.39, -4.81
CIE LCh	83, 9.669, 330.161
Yxy	61.5850, 0.3158, 0.3133
Android (android.graphics.Color)	4292528599 (0xFFDAC9D7)
YUV	207.6790, 3.6093, 9.0515
Hunter-Lab	78.4761, 3.8403, -0.1483

# Details

The XYZ color **62.0658, 61.5850, 72.9059** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0602, 66.9215, 66.8815**, and the grayscale version is **59.7227, 62.8330, 68.4251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8831, 31.1920, 37.5979** is the 20% darker color. If you saturate the color by 10%, you get **56.8522, 51.9389, 68.7579**, and if you desaturate by 10%, it is **68.0158, 72.6835, 77.3583**.

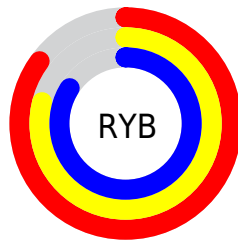
# Distribution



Red (85%)

Green (79%)

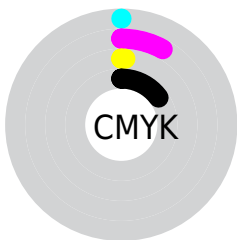
Blue (84%)



Red (85%)

Yellow (79%)

Blue (84%)

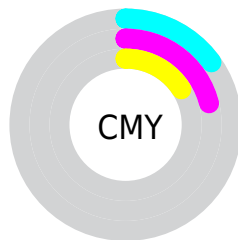


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0658, 61.5850, 72.9059 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 62.0658, 61.5850, 72.9059 by changing the saturation by 10% instead.



62.0658, 61.5850,  
72.9059

62.0658, 61.5850,  
72.9059

421.8848,  
430.4157, 489.7506

45.3417, 44.6975,  
53.4077

106.9100,  
107.1255, 125.0633

31.9291, 31.2192,  
37.7384

135.7608,  
136.5473, 158.5595

21.4626, 20.7658,  
25.4794

169.3846,  
170.9159, 197.5589

13.5770, 12.9529,  
16.2123

208.1466,  
210.6158, 242.4798

7.9067, 7.3961,  
9.5186

252.4123,  
256.0313, 293.7409

4.0866, 3.7111,  
4.9795

302.5470,

1.7513, 1.5133,

307.5469, 351.7607

2.1767

358.9160,  
365.5469, 416.9578

■ 0.4880, 0.2980,  
0.6609

■ 0.0000, 0.0000,  
0.0000

■ 62.0658, 61.5850,  
72.9059

■ 62.0658, 61.5850,  
72.9059

■ 56.8522, 51.9389,  
68.7579

■ 68.0158, 72.6835,  
77.3583

■ 52.3393, 43.6768,  
64.8997

■ 74.7254, 85.2833,  
82.1208

■ 48.4966, 36.7365,  
61.3215

■ 78.4761, 91.9466,  
85.9553

■ 45.2890, 31.0482,  
58.0111

■ 79.0119, 92.1609,  
88.7765

42.6782, 26.5354,  
54.9556

79.5596, 92.3799,  
91.6607

40.6218, 23.1136,  
52.1402

80.1193, 92.6038,  
94.6081

39.0717, 20.6865,  
49.5486

80.6911, 92.8325,  
97.6192

37.9715, 19.1414,  
47.1615

81.2751, 93.0661,  
100.6943

37.2421, 18.3204,  
44.9522

81.8713, 93.3046,  
103.8339

# Harmonies

## Analogous

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



60.5632, 61.5850, 77.4331



62.0658, 61.5850, 72.9059



62.6177, 61.5850, 67.0235

# Triad

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



62.0658, 61.5850, 72.9059



58.5235, 61.5850, 56.2614



55.1509, 61.5850, 72.9647

# Complementary

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



62.0658, 61.5850, 72.9059



60.0602, 66.9215, 66.8815

# 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.



54.6332, 61.5850, 67.0877



62.0658, 61.5850, 72.9059



56.5520, 61.5850, 57.6493

# Square

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



62.0658, 61.5850, 72.9059



60.5433, 61.5850, 57.6203



55.1401, 61.5850, 61.5269



56.5710, 61.5850, 77.4684



# Rectangle

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



62.0658, 61.5850, 72.9059



62.3622, 61.5850, 63.1923



55.1401, 61.5850, 61.5269



54.8671, 61.5850, 71.0732

# Sweetspot

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



62.0676, 61.5877, 72.9072



93.2999, 96.7312, 107.6034



58.4003, 59.6522, 74.7665



19.9884, 20.7387, 23.0452



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.



62.0676, 61.5877, 72.9072



87.5153, 85.9632, 103.2049



61.0239, 61.1702, 67.4112



13.5106, 13.2333, 15.9501



22.2646, 10.9069, 26.8370



1.4688, 0.7172, 1.8777



# Inverse Universe

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



62.0676, 61.5877, 72.9072



87.5153, 85.9632, 103.2049



61.0866, 67.3321, 72.2865



13.5106, 13.2333, 15.9501



22.2646, 10.9069, 26.8370



1.4688, 0.7172, 1.8777



# Previews

## White Background



This preview shows how the XYZ color 62.0658, 61.5850, 72.9059 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

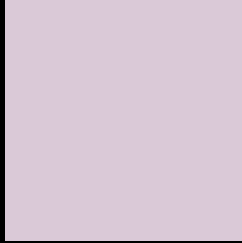
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.0658, 61.5850, 72.9059 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

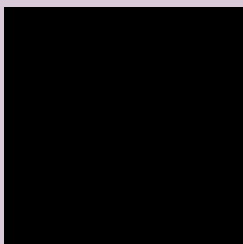
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

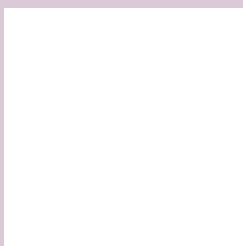
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 62.0658, 61.5850, 72.9059**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.0658, 61.5850, 72.9059.



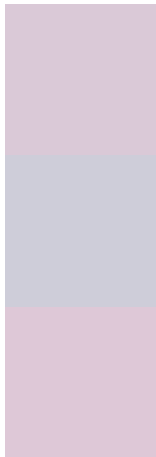
This preview shows how white text looks on a background with the XYZ color 62.0658, 61.5850,



# 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

62.0658, 61.5850, 72.9059

### Protanopia

59.8093, 61.7942, 74.4208

### Deuteranopia

63.0442, 61.7444, 72.8851



## Tritanopia

62.3245, 61.6885, 74.2679

# Trichromacy



## Original Color

62.0658, 61.5850, 72.9059

## Protanomaly

60.5659, 61.8452, 73.7109

## Deuteranomaly

62.7388, 61.5870, 72.8708

## Tritanomaly

62.1948, 61.6366, 73.5848

# Monochromacy



## Original Color

62.0658, 61.5850, 72.9059

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.7406, 62.3628, 70.4639

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0658, 61.5850, 72.9059 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(218, 201, 215) looks like.

```
.text, #text, p{  
    color:rgb(218, 201, 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(218, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 201, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0658, 61.5850, 72.9059 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".

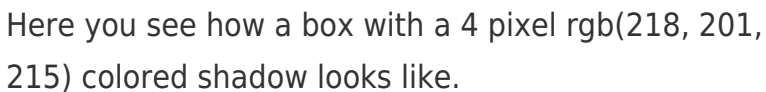
```
.border, #border, table{ border:4px solid rgb(218, 201, 215) }
```



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

```
.border{ border-color:rgb(218, 201, 215) }
```

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



Here you see how a box with a 4 pixel rgb(218, 201, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 201, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 201, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 201,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.0658, 61.5850, 72.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 201, 215) }
```

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

```
.background{ background-color: rgb(218,  
201, 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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