

Converting Colors

XYZ(62.7315, 62.2458, 73.3315)

Have a look what the booklet for
XYZ(62.7315, 62.2458, 73.3315)
contains.

XYZ(62.5997, 62.2074, 72.9979)	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(62.5997, 62.2074,
72.9979)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCAD7
RGB	219, 202, 215
RGB Percent	86%, 79%, 84%
CMY	0.1412, 0.2078, 0.1569
CMYK	0.00, 0.08, 0.02, 0.14
HSL	314°, 19%, 83%
HSV	314°, 8%, 86%
XYZ	62.5997, 62.2074, 72.9979
YIQ	208.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

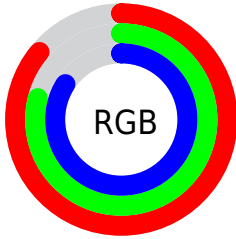
Format	Color
R _Y B	219, 202, 215
Decimal	14404311
CIE Lab	83.02, 8.20, -4.31
CIE LCh	83, 9.265, 332.253
Yxy	62.2074, 0.3165, 0.3145
Android (android.graphics.Color)	4292594391 (0xFFDBCAD7)
YUV	208.5650, 3.1725, 9.1515
Hunter-Lab	78.8717, 3.6484, 0.3356

Details

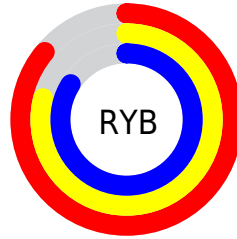
The XYZ color **62.5997, 62.2074, 72.9979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8316, 67.6775, 68.2526**, and the grayscale version is **60.2998, 63.4401, 69.0863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2449, 31.6104, 37.6596** is the 20% darker color. If you saturate the color by 10%, you get **57.1701, 52.3907, 67.9724**, and if you desaturate by 10%, it is **68.7829, 73.4962, 78.3791**.

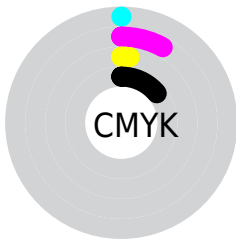
Distribution



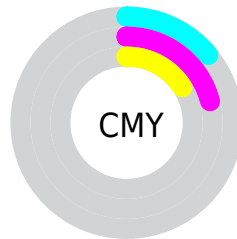
- Red (86%)
- Green (79%)
- Blue (84%)



- Red (86%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5997, 62.2074, 72.9979 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 62.5997, 62.2074, 72.9979 by changing the saturation by 10% instead.

62.5997, 62.2074,
72.9979

62.5997, 62.2074,
72.9979

423.7980,
432.6872, 490.0781

45.7749, 45.2003,
53.4824

107.6769,
108.0252, 125.1951

32.2721, 31.6152,
37.7977

136.6599,
137.6047, 158.7140

21.7260, 21.0678,
25.5251

170.4264,
172.1439, 197.7377

13.7711, 13.1736,
16.2461

209.3417,
212.0270, 242.6848

8.0423, 7.5482,
9.5422

253.7711,
257.6385, 293.9738

4.1741, 3.8072,
4.9949

304.0801,

1.8011, 1.5663,

309.3627, 352.0234

2.1856

360.6340,
367.5842, 417.2520

■ 0.5183, 0.3347,
0.6660

■ 0.0000, 0.0000,
0.0000

■ 62.5997, 62.2074,
72.9979

■ 62.5997, 62.2074,
72.9979

■ 57.1701, 52.3907,
67.9724

■ 68.7829, 73.4962,
78.3791

■ 52.4581, 43.9769,
63.2873

■ 75.7433, 86.3066,
84.1225

■ 48.4325, 36.9032,
58.9320

■ 79.3220, 92.3195,
88.8435

■ 45.0578, 31.0987,
54.8939

■ 80.0587, 92.6142,
92.7227

42.2953, 26.4864,
51.1590

80.8169, 92.9175,
96.7158

40.1018, 22.9805,
47.7119

81.5970, 93.2296,
100.8236

38.4287, 20.4838,
44.5354

82.3990, 93.5504,
105.0469

37.2188, 18.8822,
41.6094

83.0238, 93.8003,
108.3372

36.3924, 18.0169,
38.9064

Harmonies

Analogous

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



61.2049, 62.2074, 77.4933



62.5997, 62.2074, 72.9979



63.0576, 62.2074, 67.3007

Triad

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



62.5997, 62.2074, 72.9979



58.9750, 62.2074, 57.3015



55.9295, 62.2074, 73.7900

Complementary

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



62.5997, 62.2074, 72.9979



60.8316, 67.6775, 68.2526

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.



55.3618, 62.2074, 68.1677



62.5997, 62.2074, 72.9979



57.0952, 62.2074, 58.8292

Square

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



62.5997, 62.2074, 72.9979



60.9370, 62.2074, 58.4355



55.7838, 62.2074, 62.7281



57.3517, 62.2074, 77.9685

Rectangle

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



62.5997, 62.2074, 72.9979



62.7619, 62.2074, 63.6427



55.7838, 62.2074, 62.7281



55.6338, 62.2074, 71.9955

Sweetspot

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



62.6015, 62.2101, 72.9992



93.2519, 96.7120, 107.3503



59.3536, 60.4756, 75.5635



19.9786, 20.7348, 22.9937



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.



62.6015, 62.2101, 72.9992



87.3032, 85.8784, 102.0879



61.5416, 61.7861, 67.4177



13.4765, 13.2197, 15.7705



21.5276, 10.6121, 22.9563



1.4270, 0.7005, 1.6577

Inverse Universe

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



62.6015, 62.2101, 72.9992



87.3032, 85.8784, 102.0879



61.8880, 68.1001, 73.8156



13.4765, 13.2197, 15.7705



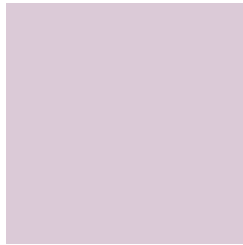
21.5276, 10.6121, 22.9563



1.4270, 0.7005, 1.6577

Previews

White Background



This preview shows how the XYZ color 62.5997, 62.2074, 72.9979 looks on a white background.

Color Contrast Check

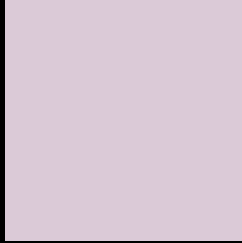
Large Text (above 18pt) WCAG AA × Fail

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 62.5997, 62.2074, 72.9979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

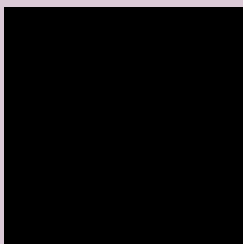
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

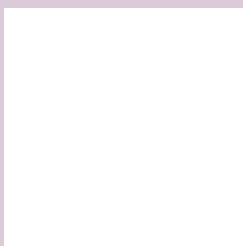
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5997, 62.2074, 72.9979

Background



This preview shows how black text looks on a background with the XYZ color 62.5997, 62.2074, 72.9979.



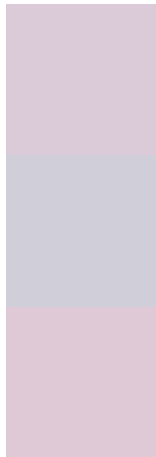
This preview shows how white text looks on a background with the XYZ color 62.5997, 62.2074,

72.9979.

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

62.5997, 62.2074, 72.9979

Protanopia

60.3278, 62.4178, 74.5139

Deuteranopia

63.5838, 62.3676, 72.9769



Tritanopia

62.8583, 62.3109, 74.3599

Trichromacy



Original Color

62.5997, 62.2074, 72.9979

Protanomaly

61.0900, 62.4694, 73.8038

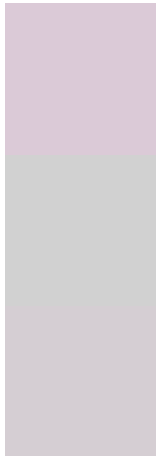
Deuteranomaly

63.2766, 62.2092, 72.9625

Tritanomaly

62.7286, 62.2590, 73.6768

Monochromacy



Original Color

62.5997, 62.2074, 72.9979

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2698, 62.9919, 70.5574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5997, 62.2074, 72.9979 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(219, 202, 215) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 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(219, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.5997, 62.2074, 72.9979 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(219, 202, 215) }
```


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

```
.border{ border-color:rgb(219, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5997, 62.2074, 72.9979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 215) }
```

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

```
.background{ background-color: rgb(219,  
202, 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](#).

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