

Converting Colors

XYZ(62.9095, 61.5795, 72.7398)

Have a look what the booklet for
XYZ(62.9095, 61.5795, 72.7398)
contains.

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Color

**XYZ(63.0442, 61.7444,
72.8851)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC8D7
RGB	222, 200, 215
RGB Percent	87%, 78%, 84%
CMY	0.1294, 0.2157, 0.1569
CMYK	0.00, 0.10, 0.03, 0.13
HSL	319°, 25%, 83%
HSV	319°, 10%, 87%
XYZ	63.0442, 61.7444, 72.8851
YIQ	208.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

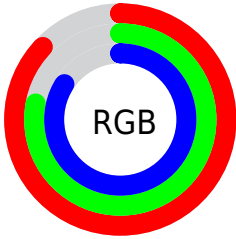
Format	Color
R _Y B	222, 200, 215
Decimal	14600407
CIE Lab	82.78, 10.29, -4.65
CIE LCh	83, 11.290, 335.688
Yxy	61.7444, 0.3189, 0.3124
Android (android.graphics.Color)	4292790487 (0xFFDEC8D7)
YUV	208.2880, 3.3090, 12.0254
Hunter-Lab	78.5776, 5.7029, 0.0096

Details

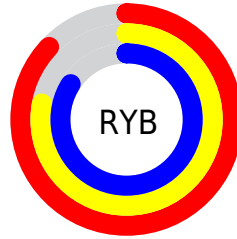
The XYZ color **63.0442, 61.7444, 72.8851** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2055, 69.0285, 69.1326**, and the grayscale version is **60.1179, 63.2487, 68.8779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5604, 31.3113, 37.5853** is the 20% darker color. If you saturate the color by 10%, you get **57.3836, 51.8440, 66.6161**, and if you desaturate by 10%, it is **69.4941, 73.1589, 79.6121**.

Distribution



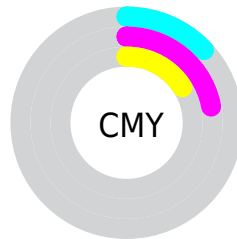
- Red (87%)
- Green (78%)
- Blue (84%)



- Red (87%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0442, 61.7444, 72.8851 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 63.0442, 61.7444, 72.8851 by changing the saturation by 10% instead.

63.0442, 61.7444,
72.8851

63.0442, 61.7444,
72.8851

425.3870,
430.9981, 489.6766

46.1357, 44.8262,
53.3908

108.3147,
107.3560, 125.0335

32.5580, 31.3206,
37.7249

137.4075,
136.8183, 158.5246

21.9457, 20.8431,
25.4691

171.2925,
171.2306, 197.5184

13.9334, 13.0093,
16.2047

210.3349,
210.9775, 242.4335

8.1557, 7.4350,
9.5132

254.9003,
256.4433, 293.6882

4.2474, 3.7356,
4.9761

305.3538,

1.8430, 1.5268,

308.0124, 351.7013

2.1747

362.0609,
366.0692, 416.8913

■ 0.5434, 0.3075,
0.6597

■ 0.0000, 0.0000,
0.0000

■ 63.0442, 61.7444,
72.8851

■ 63.0442, 61.7444,
72.8851

■ 57.3836, 51.8440,
66.6161

■ 69.4941, 73.1589,
79.6121

■ 52.4744, 43.3853,
60.7878

■ 76.7585, 86.1399,
86.8057

■ 48.2836, 36.3023,
55.3876

■ 81.0534, 93.1173,
93.2075

■ 44.7735, 30.5202,
50.4004

■ 82.1016, 93.5366,
98.7276

41.9027, 25.9575,
45.8098

83.1910, 93.9724,
104.4640

39.6255, 22.5230,
41.5979

83.9346, 94.2698,
108.3798

37.8895, 20.1131,
37.7446

36.6325, 18.6045,
34.2265

35.7468, 17.7822,
31.0049

Harmonies

Analogous

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



61.4520, 61.7444, 78.6833



63.0442, 61.7444, 72.8851



63.4552, 61.7444, 65.9127

Triad

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



63.0442, 61.7444, 72.8851



58.2247, 61.7444, 54.7834



54.9756, 61.7444, 75.3343

Complementary

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



63.0442, 61.7444, 72.8851



61.2055, 69.0285, 69.1326

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.



54.1623, 61.7444, 68.5631



63.0442, 61.7444, 72.8851



56.0047, 61.7444, 56.9443

Square

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



63.0442, 61.7444, 72.8851



60.6292, 61.7444, 55.7662



54.5338, 61.7444, 61.8737



56.7851, 61.7444, 80.1642

Rectangle

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



63.0442, 61.7444, 72.8851



62.9945, 61.7444, 61.5986



54.5338, 61.7444, 61.8737



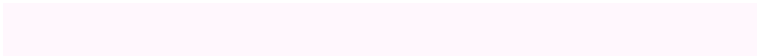
54.5790, 61.7444, 73.1928

Sweetspot

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



63.0460, 61.7471, 72.8864



92.2684, 95.0600, 106.0514



59.5644, 59.8461, 77.5202



19.5938, 20.0712, 22.5385



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.



63.0460, 61.7471, 72.8864



84.5248, 81.3952, 97.8521



61.6837, 61.2022, 65.7126



14.0997, 13.8575, 16.2953



21.2808, 10.5793, 18.6761



1.5152, 0.7494, 1.5060

Inverse Universe

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



63.0460, 61.7471, 72.8864



84.5248, 81.3952, 97.8521



62.5932, 69.5836, 76.4401



14.0997, 13.8575, 16.2953



21.2808, 10.5793, 18.6761



1.5152, 0.7494, 1.5060

Previews

White Background



This preview shows how the XYZ color 63.0442, 61.7444, 72.8851 looks on a white background.

Color Contrast Check

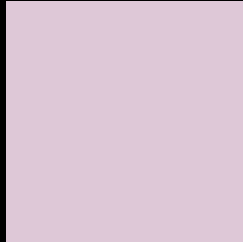
Large Text (above 18pt) WCAG AA × Fail

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 63.0442, 61.7444, 72.8851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

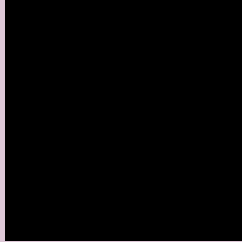
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0442, 61.7444, 72.8851

Background



This preview shows how black text looks on a background with the XYZ color 63.0442, 61.7444, 72.8851.



This preview shows how white text looks on a background with the XYZ color 63.0442, 61.7444,

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

63.0442, 61.7444, 72.8851

Protanopia

59.9398, 61.8464, 75.1081

Deuteranopia

63.0442, 61.7444, 72.8851



Tritanopia

63.1731, 61.7960, 73.5640

Trichromacy



Original Color

63.0442, 61.7444, 72.8851

Protanomaly

61.0317, 61.7187, 74.3418

Deuteranomaly

63.0442, 61.7444, 72.8851

Tritanomaly

63.1731, 61.7960, 73.5640

Monochromacy



Original Color

63.0442, 61.7444, 72.8851

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.0298, 62.5119, 70.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0442, 61.7444, 72.8851 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(222, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 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(222, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.0442, 61.7444, 72.8851 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(222, 200, 215) }
```


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

```
.border{ border-color:rgb(222, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(222, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0442, 61.7444, 72.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 215) }
```

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

```
.background{ background-color: rgb(222,  
200, 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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