

Converting Colors

XYZ(64.6841, 62.2471, 72.8957)

Have a look what the booklet for
XYZ(64.6841, 62.2471, 72.8957)
contains.

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Color

**XYZ(64.6841, 62.2471,
72.8957)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C7D7
RGB	228, 199, 215
RGB Percent	89%, 78%, 84%
CMY	0.1059, 0.2196, 0.1569
CMYK	0.00, 0.13, 0.06, 0.11
HSL	327°, 35%, 84%
HSV	327°, 13%, 89%
XYZ	64.6841, 62.2471, 72.8957
YIQ	209.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

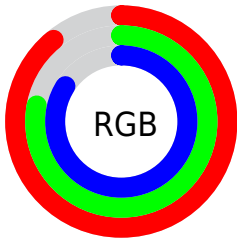
Format	Color
R _Y B	228, 199, 215
Decimal	14993367
CIE Lab	83.04, 12.88, -4.20
CIE LCh	83, 13.550, 341.964
Yxy	62.2471, 0.3237, 0.3115
Android (android.graphics.Color)	4293183447 (0xFFE4C7D7)
YUV	209.4950, 2.7140, 16.2289
Hunter-Lab	78.8968, 8.2750, 0.4476

Details

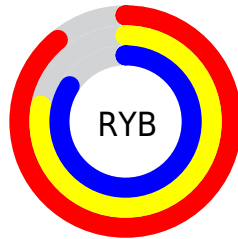
The XYZ color **64.6841, 62.2471, 72.8957** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1827, 72.3841, 72.9322**, and the grayscale version is **60.9064, 64.0783, 69.7812**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4838, 31.5595, 37.5845** is the 20% darker color. If you saturate the color by 10%, you get **58.5537, 52.0225, 64.5733**, and if you desaturate by 10%, it is **71.6861, 74.0819, 81.9151**.

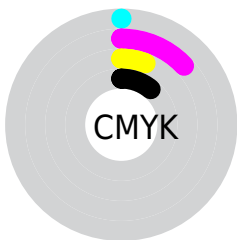
Distribution



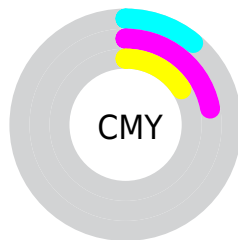
- Red (89%)
- Green (78%)
- Blue (84%)



- Red (89%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6841, 62.2471, 72.8957 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 64.6841, 62.2471, 72.8957 by changing the saturation by 10% instead.

64.6841, 62.2471,
72.8957

64.6841, 62.2471,
72.8957

431.2191,
432.8319, 489.7143

47.4687, 45.2324,
53.3994

110.6638,
108.0826, 125.0487

33.6158, 31.6405,
37.7318

140.1588,
137.6721, 158.5424

22.7601, 21.0871,
25.4744

174.4778,
172.2221, 197.5390

14.5362, 13.1877,
16.2086

213.9861,
212.1169, 242.4571

8.5787, 7.5579,
9.5159

259.0490,
257.7408, 293.7151

4.5223, 3.8134,
4.9778

310.0319,

2.0017, 1.5697,

309.4784, 351.7316

2.1757

367.3001,
367.7139, 416.9252

■ 0.6349, 0.3371,
0.6603

■ 0.0000, 0.0000,
0.0000

■ 64.6841, 62.2471,
72.8957

■ 64.6841, 62.2471,
72.8957

■ 58.5537, 52.0225,
64.5733

■ 71.6861, 74.0819,
81.9151

■ 53.2533, 43.3296,
56.9244

■ 79.5884, 87.5845,
91.6459

■ 48.7456, 36.0956,
49.9298

■ 84.3389, 94.6476,
100.7452

■ 44.9883, 30.2386,
43.5677

■ 85.8053, 95.2342,
108.4674

■ 41.9352, 25.6683,
37.8146

■ 39.5343, 22.2838,
32.6450

■ 37.7261, 19.9687,
28.0304

■ 36.4389, 18.5826,
23.9381

■ 35.7471, 17.9949,
21.2538

Harmonies

Analogous

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



63.0115, 62.2471, 80.4952



64.6841, 62.2471, 72.8957



64.8482, 62.2471, 64.4867

Triad

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



64.6841, 62.2471, 72.8957



58.0038, 62.2471, 53.1862



55.0731, 62.2471, 79.1474

Complementary

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



64.6841, 62.2471, 72.8957



63.1827, 72.3841, 72.9322

Split Complementary

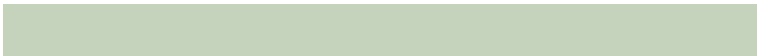
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.8221, 62.2471, 71.1764



64.6841, 62.2471, 72.8957



55.4764, 62.2471, 56.4735

Square

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



64.6841, 62.2471, 72.8957



60.9255, 62.2471, 53.5635



53.9672, 62.2471, 62.9028



57.4368, 62.2471, 84.3046

Rectangle

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



64.6841, 62.2471, 72.8957



64.0733, 62.2471, 59.5890



53.9672, 62.2471, 62.9028



54.5121, 62.2471, 76.6816

Sweetspot

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



64.6859, 62.2498, 72.8970



91.1543, 93.3728, 104.0123



61.4560, 60.3840, 81.8160



19.3585, 19.7272, 22.0697



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.



64.6859, 62.2498, 72.8970



81.3992, 76.9212, 91.3314



62.9553, 61.5576, 63.7840



14.7081, 14.5004, 16.6631



20.7020, 10.4150, 12.5917



1.5765, 0.7883, 1.1762

Inverse Universe

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



64.6859, 62.2498, 72.8970



81.3992, 76.9212, 91.3314



65.0352, 73.1251, 82.6875



14.7081, 14.5004, 16.6631



20.7020, 10.4150, 12.5917



1.5765, 0.7883, 1.1762

Previews

White Background



This preview shows how the XYZ color 64.6841, 62.2471, 72.8957 looks on a white background.

Color Contrast Check

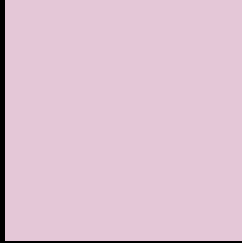
Large Text (above 18pt) WCAG AA × Fail

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 64.6841, 62.2471, 72.8957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

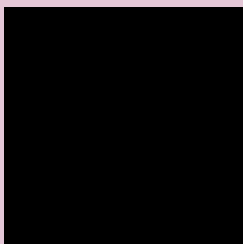
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6841, 62.2471, 72.8957

Background



This preview shows how black text looks on a background with the XYZ color 64.6841, 62.2471, 72.8957.



This preview shows how white text looks on a background with the XYZ color 64.6841, 62.2471,

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

64.6841, 62.2471, 72.8957

Protanopia

60.5896, 62.5225, 75.8925

Deuteranopia

63.5838, 62.3676, 72.9769



Tritanopia

64.6841, 62.2471, 72.8957

Trichromacy



Original Color

64.6841, 62.2471, 72.8957

Protanomaly

62.0352, 62.2209, 75.0699

Deuteranomaly

63.9714, 62.2224, 72.9284

Tritanomaly

64.6841, 62.2471, 72.8957

Monochromacy



Original Color

64.6841, 62.2471, 72.8957

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.9081, 62.9647, 70.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6841, 62.2471, 72.8957 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(228, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.6841, 62.2471, 72.8957 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(228, 199, 215) }
```


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

```
.border{ border-color:rgb(228, 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(228, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 199,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6841, 62.2471, 72.8957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 215) }
```

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

```
.background{ background-color: rgb(228,  
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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