

Converting Colors

XYZ(65.2115, 62.1184, 72.0015)

Have a look what the booklet for
XYZ(65.2115, 62.1184, 72.0015)
contains.

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Color

**XYZ(65.2867, 62.2321,
72.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C6D6
RGB	231, 198, 214
RGB Percent	91%, 78%, 84%
CMY	0.0941, 0.2235, 0.1608
CMYK	0.00, 0.14, 0.07, 0.09
HSL	331°, 41%, 84%
HSV	331°, 14%, 91%
XYZ	65.2867, 62.2321, 72.1894
YIQ	209.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

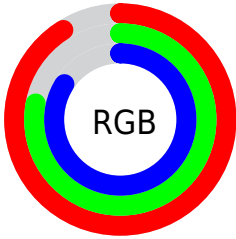
Format	Color
R _Y B	231, 198, 214
Decimal	15189718
CIE Lab	83.04, 14.28, -3.64
CIE LCh	83, 14.738, 345.692
Yxy	62.2321, 0.3269, 0.3116
Android (android.graphics.Color)	4293379798 (0xFFE7C6D6)
YUV	209.6910, 2.1243, 18.6880
Hunter-Lab	78.8873, 9.6728, 0.9651

Details

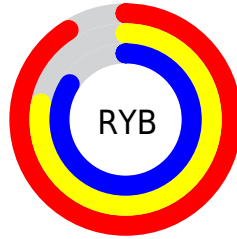
The XYZ color **65.2867, 62.2321, 72.1894** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1328, 74.0656, 75.2094**, and the grayscale version is **61.0373, 64.2160, 69.9312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9105, 31.5637, 37.1060** is the 20% darker color. If you saturate the color by 10%, you get **58.9394, 51.8812, 62.8468**, and if you desaturate by 10%, it is **72.5538, 74.2434, 82.3880**.

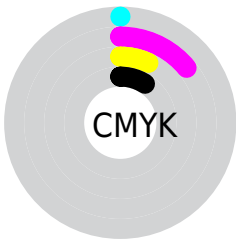
Distribution



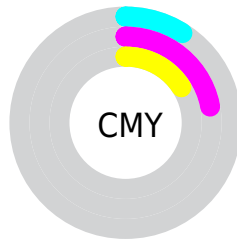
- Red (91%)
- Green (78%)
- Blue (84%)



- Red (91%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2867, 62.2321, 72.1894 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 65.2867, 62.2321, 72.1894 by changing the saturation by 10% instead.

65.2867, 62.2321,
72.1894

65.2867, 62.2321,
72.1894

433.3505,
432.7772, 487.1958

47.9592, 45.2203,
52.8256

111.5254,
108.0609, 124.0360

34.0057, 31.6310,
37.2768

141.1672,
137.6467, 157.3559

23.0609, 21.0798,
25.1244

175.6445,
172.1925, 196.1649

14.7594, 13.1823,
15.9499

215.3226,
212.0829, 240.8816

8.7359, 7.5542,
9.3347

260.5669,
257.7022, 291.9245

4.6251, 3.8111,
4.8604

311.7428,

2.0615, 1.5684,

309.4347, 349.7121

2.1083

369.2155,
367.6649, 414.6631

0.6681, 0.3362,
0.6207

0.0000, 0.0000,
0.0000

65.2867, 62.2321,
72.1894

65.2867, 62.2321,
72.1894

58.9394, 51.8812,
62.8468

72.5538, 74.2434,
82.3880

53.4680, 43.1088,
54.3318

80.7718, 87.9758,
93.4621

48.8326, 35.8383,
46.6198

85.9246, 95.3928,
104.0846

44.9881, 29.9837,
39.6833

86.7654, 95.7291,
108.5123

■ 41.8849, 25.4497,
33.4929

■ 39.4674, 22.1297,
28.0165

■ 37.6714, 19.8997,
23.2188

■ 36.4191, 18.6091,
19.0591

■ 35.8793, 18.1587,
16.9394

Harmonies

Analogous

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



63.6428, 62.2321, 80.7694



65.2867, 62.2321, 72.1894



65.2458, 62.2321, 63.1249

Triad

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



65.2867, 62.2321, 72.1894



57.5083, 62.2321, 52.2337



54.9728, 62.2321, 81.1066

Complementary

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



65.2867, 62.2321, 72.1894



64.1328, 74.0656, 75.2094

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.



53.4457, 62.2321, 72.6170



65.2867, 62.2321, 72.1894



54.8733, 62.2321, 56.2287

Square

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



65.2867, 62.2321, 72.1894



60.6767, 62.2321, 52.1416



53.4099, 62.2321, 63.5159



57.6486, 62.2321, 86.2223

Rectangle

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



65.2867, 62.2321, 72.1894



64.2661, 62.2321, 58.0308



53.4099, 62.2321, 63.5159



54.3124, 62.2321, 78.5204

Sweetspot

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



65.2885, 62.2348, 72.1907



91.0473, 93.3300, 103.4486



62.4980, 60.5322, 83.9921



19.3314, 19.7164, 21.9271



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.



65.2885, 62.2348, 72.1907



79.3563, 74.0363, 86.9485



63.3444, 61.4572, 61.9531



14.6666, 14.4838, 16.4450



20.1764, 10.2048, 9.8238



1.5377, 0.7728, 0.9723

Inverse Universe

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



65.2885, 62.2348, 72.1907



79.3563, 74.0363, 86.9485



66.2904, 74.9286, 86.5710



14.6666, 14.4838, 16.4450



20.1764, 10.2048, 9.8238



1.5377, 0.7728, 0.9723

Previews

White Background



This preview shows how the XYZ color 65.2867, 62.2321, 72.1894 looks on a white background.

Color Contrast Check

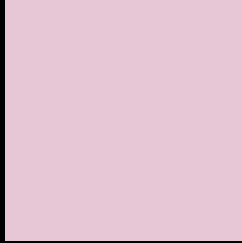
Large Text (above 18pt) WCAG AA × Fail

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 65.2867, 62.2321, 72.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

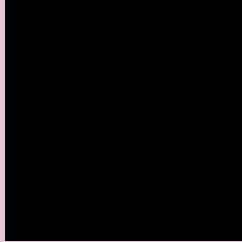
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2867, 62.2321, 72.1894

Background



This preview shows how black text looks on a background with the XYZ color 65.2867, 62.2321, 72.1894.

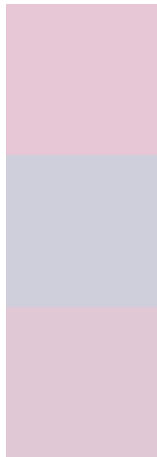


This preview shows how white text looks on a background with the XYZ color 65.2867, 62.2321,

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

65.2867, 62.2321, 72.1894

Protanopia

60.5896, 62.5225, 75.8925

Deuteranopia

63.6374, 62.4247, 71.6459



Tritanopia

65.2867, 62.2321, 72.1894

Trichromacy



Original Color

65.2867, 62.2321, 72.1894

Protanomaly

62.1992, 62.3206, 74.3965

Deuteranomaly

64.3431, 62.4435, 71.6124

Tritanomaly

65.2867, 62.2321, 72.1894

Monochromacy



Original Color

65.2867, 62.2321, 72.1894

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7426, 63.7512, 70.6263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2867, 62.2321, 72.1894 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(231, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(231, 198, 214)  
}
```

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(231, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 198, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.2867, 62.2321, 72.1894 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(231, 198, 214) }
```


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

```
.border{ border-color:rgb(231, 198, 214) }
```

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

Here you see how a box with a 4 pixel rgb(231, 198, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(231, 198,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2867, 62.2321, 72.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 198, 214) }
```

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

```
.background{ background-color: rgb(231,  
198, 214) }
```

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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