

Converting Colors

XYZ(64.9177, 61.6720, 71.7018)

Have a look what the booklet for
XYZ(64.9177, 61.6720, 71.7018)
contains.

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Color

**XYZ(64.9315, 61.7255,
71.4427)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C5D5
RGB	231, 197, 213
RGB Percent	91%, 77%, 84%
CMY	0.0941, 0.2274, 0.1647
CMYK	0.00, 0.15, 0.08, 0.09
HSL	332°, 41%, 84%
HSV	332°, 15%, 91%
XYZ	64.9315, 61.7255, 71.4427
YIQ	208.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

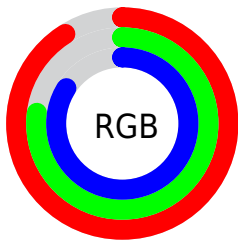
Format	Color
R _Y B	231, 197, 213
Decimal	15189461
CIE Lab	82.77, 14.64, -3.50
CIE LCh	83, 15.054, 346.542
Yxy	61.7255, 0.3278, 0.3116
Android (android.graphics.Color)	4293379541 (0xFFE7C5D5)
YUV	208.9900, 1.9769, 19.3028
Hunter-Lab	78.5656, 10.0338, 1.0812

Details

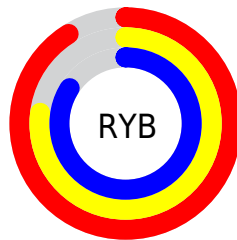
The XYZ color **64.9315, 61.7255, 71.4427** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8700, 73.9301, 75.1972**, and the grayscale version is **60.5799, 63.7348, 69.4072**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.6732, 31.2275, 36.6005** is the 20% darker color. If you saturate the color by 10%, you get **58.5888, 51.4309, 61.9560**, and if you desaturate by 10%, it is **72.1986, 73.6798, 81.8167**.

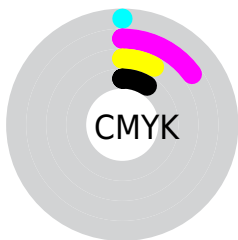
Distribution



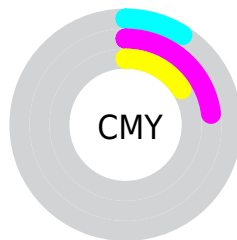
- Red (91%)
- Green (77%)
- Blue (84%)



- Red (91%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9315, 61.7255, 71.4427 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 64.9315, 61.7255, 71.4427 by changing the saturation by 10% instead.

64.9315, 61.7255,
71.4427

64.9315, 61.7255,
71.4427

432.0949,
430.9291, 484.5248

47.6700, 44.8109,
52.2195

111.0176,
107.3287, 122.9642

33.7758, 31.3085,
36.7966

140.5730,
136.7861, 156.0996

22.8835, 20.8339,
24.7555

174.9570,
171.1933, 194.7094

14.6277, 13.0026,
15.6776

214.5351,
210.9346, 239.2123

8.6431, 7.4304,
9.1445

259.6726,
256.3944, 290.0268

4.5644, 3.7327,
4.7374

310.7348,

2.0261, 1.5252,

307.9572, 347.5713

2.0380

368.0871,
366.0073, 412.2645

■ 0.6486, 0.3063,
0.5785

■ 0.0000, 0.0000,
0.0000

■ 64.9315, 61.7255,
71.4427

■ 64.9315, 61.7255,
71.4427

■ 58.5888, 51.4309,
61.9560

■ 72.1986, 73.6798,
81.8167

■ 53.1260, 42.7138,
53.3269

■ 80.4214, 87.3550,
93.0985

■ 48.5032, 35.4974,
45.5298

■ 85.9228, 95.3921,
104.0751

■ 44.6747, 29.6951,
38.5358

■ 86.7654, 95.7291,
108.5123

■ 41.5904, 25.2113,
32.3141

■ 39.1943, 21.9383,
26.8313

■ 37.4213, 19.7515,
22.0505

■ 36.1927, 18.4984,
17.9290

■ 35.6991, 18.0866,
15.9907

Harmonies

Analogous

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



63.3028, 61.7255, 80.2289



64.9315, 61.7255, 71.4427



64.8388, 61.7255, 62.2604

Triad

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



64.9315, 61.7255, 71.4427



56.9140, 61.7255, 51.5293



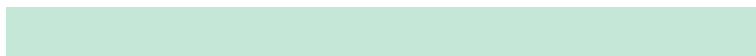
54.4908, 61.7255, 80.9946

Complementary

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



64.9315, 61.7255, 71.4427



63.8700, 73.9301, 75.1972

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.



52.9022, 61.7255, 72.4122



64.9315, 61.7255, 71.4427



54.2656, 61.7255, 55.6792

Square

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



64.9315, 61.7255, 71.4427



60.1286, 61.7255, 51.3216



52.8213, 61.7255, 63.1451



57.2317, 61.7255, 86.0762

Rectangle

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



64.9315, 61.7255, 71.4427



63.8118, 61.7255, 57.1447



52.8213, 61.7255, 63.1451



53.8088, 61.7255, 78.3896

Sweetspot

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



64.9333, 61.7282, 71.4440



91.0245, 93.3209, 103.3287



62.2896, 60.0866, 83.9171



19.3256, 19.7141, 21.8967



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.



64.9333, 61.7282, 71.4440



78.4461, 72.6624, 85.2679



63.1304, 61.2133, 61.3146



14.6579, 14.4803, 16.3987



20.0748, 10.1641, 9.2890



1.5301, 0.7697, 0.9319

Inverse Universe

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



64.9333, 61.7282, 71.4440



78.4461, 72.6624, 85.2679



65.8693, 74.4765, 86.5059



14.6579, 14.4803, 16.3987



20.0748, 10.1641, 9.2890



1.5301, 0.7697, 0.9319

Previews

White Background



This preview shows how the XYZ color 64.9315, 61.7255, 71.4427 looks on a white background.

Color Contrast Check

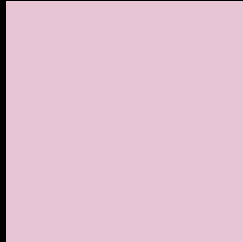
Large Text (above 18pt) WCAG AA × Fail

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 64.9315, 61.7255, 71.4427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

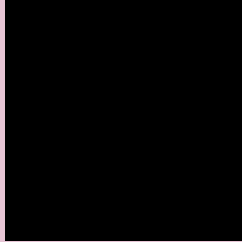
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9315, 61.7255, 71.4427

Background



This preview shows how black text looks on a background with the XYZ color 64.9315, 61.7255, 71.4427.



This preview shows how white text looks on a background with the XYZ color 64.9315, 61.7255,

71.4427.

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

64.9315, 61.7255, 71.4427

Protanopia

60.2183, 61.9900, 75.1211

Deuteranopia

62.9694, 61.7500, 70.8875



Tritanopia

64.8049, 61.6749, 70.7762

Trichromacy



Original Color

64.9315, 61.7255, 71.4427

Protanomaly

61.8341, 61.7979, 73.6349

Deuteranomaly

63.6711, 61.7691, 70.8541

Tritanomaly

64.8049, 61.6749, 70.7762

Monochromacy



Original Color

64.9315, 61.7255, 71.4427

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.0795, 63.0675, 69.8741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9315, 61.7255, 71.4427 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, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 213)  
}
```

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, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.9315, 61.7255, 71.4427 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, 197, 213) }
```


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

```
.border{ border-color:rgb(231, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9315, 61.7255, 71.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 197, 213) }
```

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

```
.background{ background-color: rgb(231,  
197, 213) }
```

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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