

Converting Colors

XYZ(63.7218, 61.8529, 72.8802)

Have a look what the booklet for
XYZ(63.7218, 61.8529, 72.8802)
contains.

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Color

**XYZ(63.7405, 61.7607,
72.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C7D7
RGB	225, 199, 215
RGB Percent	88%, 78%, 84%
CMY	0.1176, 0.2196, 0.1569
CMYK	0.00, 0.12, 0.04, 0.12
HSL	323°, 30%, 83%
HSV	323°, 12%, 88%
XYZ	63.7405, 61.7607, 72.8515
YIQ	208.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

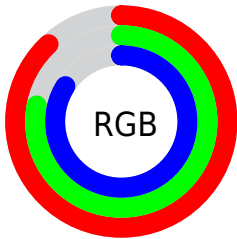
Format	Color
R _Y B	225, 199, 215
Decimal	14796759
CIE Lab	82.79, 11.85, -4.61
CIE LCh	83, 12.714, 338.760
Yxy	61.7607, 0.3213, 0.3114
Android (android.graphics.Color)	4292986839 (0xFFE1C7D7)
YUV	208.5980, 3.1562, 14.3846
Hunter-Lab	78.5880, 7.2474, 0.0494

Details

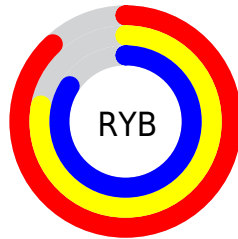
The XYZ color **63.7405, 61.7607, 72.8515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9894, 70.5976, 70.6845**, and the grayscale version is **60.3194, 63.4607, 69.1087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0481, 31.3349, 37.5641** is the 20% darker color. If you saturate the color by 10%, you get **57.8590, 51.7300, 65.5486**, and if you desaturate by 10%, it is **70.4498, 73.3511, 80.7221**.

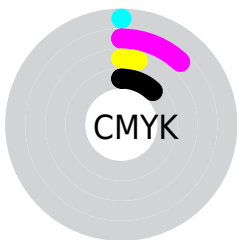
Distribution



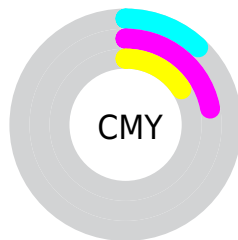
- Red (88%)
- Green (78%)
- Blue (84%)



- Red (88%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7405, 61.7607, 72.8515 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 63.7405, 61.7607, 72.8515 by changing the saturation by 10% instead.

63.7405, 61.7607,
72.8515

63.7405, 61.7607,
72.8515

427.8690,
431.0577, 489.5569

46.7014, 44.8394,
53.3635

109.3130,
107.3796, 124.9853

33.0066, 31.3309,
37.7033

138.5770,
136.8460, 158.4682

22.2908, 20.8510,
25.4524

172.6468,
171.2628, 197.4531

14.1885, 13.0151,
16.1924

211.8877,
211.0145, 242.3586

8.3345, 7.4389,
9.5046

256.6650,
256.4854, 293.6032

4.3633, 3.7381,
4.9704

307.3441,

1.9097, 1.5282,

308.0600, 351.6054

2.1715

364.2903,
366.1226, 416.7838

■ 0.5824, 0.3084,
0.6578

■ 0.0000, 0.0000,
0.0000

■ 63.7405, 61.7607,
72.8515

■ 63.7405, 61.7607,
72.8515

■ 57.8590, 51.7300,
65.5486

■ 70.4498, 73.3511,
80.7221

■ 52.7656, 43.1836,
58.7936

■ 78.0139, 86.5564,
89.1715

■ 48.4252, 36.0520,
52.5710

■ 82.6839, 93.8766,
96.9552

■ 44.7979, 30.2569,
46.8627

■ 84.0078, 94.4062,
103.9265

■ 41.8400, 25.7122,
41.6494

■ 84.8617, 94.7478,
108.4232

■ 39.5025, 22.3219,
36.9100

■ 37.7296, 19.9757,
32.6206

■ 36.4543, 18.5415,
28.7539

■ 35.6718, 17.8558,
25.7822

Harmonies

Analogous

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



62.0556, 61.7607, 79.6868



63.7405, 61.7607, 72.8515



64.0536, 61.7607, 64.9794

Triad

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



63.7405, 61.7607, 72.8515



57.9045, 61.7607, 53.4342



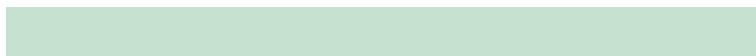
54.6961, 61.7607, 77.1225

Complementary

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



63.7405, 61.7607, 72.8515



61.9894, 70.5976, 70.6845

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.



53.6565, 61.7607, 69.5665



63.7405, 61.7607, 72.8515



55.4708, 61.7607, 56.1741

Square

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



63.7405, 61.7607, 72.8515



60.6274, 61.7607, 54.1644



53.9357, 61.7607, 61.9374



56.8172, 61.7607, 82.2827

Rectangle

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



63.7405, 61.7607, 72.8515



63.4331, 61.7607, 60.2583



53.9357, 61.7607, 61.9374



54.2116, 61.7607, 74.7560

Sweetspot

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



63.7423, 61.7634, 72.8528



92.1877, 95.0277, 105.6264



60.3015, 59.8366, 79.6064



19.5720, 20.0625, 22.4237



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.



63.7423, 61.7634, 72.8528



82.5670, 78.4466, 94.2185



62.1416, 61.1231, 64.4235



14.0599, 13.8416, 16.0857



20.6142, 10.3127, 15.1660



1.4722, 0.7322, 1.2795

Inverse Universe

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



63.7423, 61.7634, 72.8528



82.5670, 78.4466, 94.2185



63.6607, 71.2662, 79.4855



14.0599, 13.8416, 16.0857



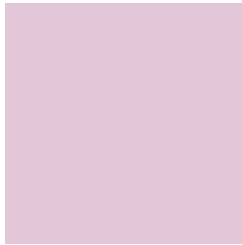
20.6142, 10.3127, 15.1660



1.4722, 0.7322, 1.2795

Previews

White Background



This preview shows how the XYZ color 63.7405, 61.7607, 72.8515 looks on a white background.

Color Contrast Check

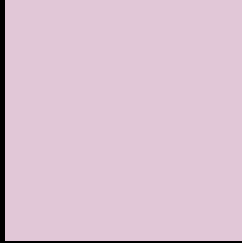
Large Text (above 18pt) WCAG AA × Fail

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 63.7405, 61.7607, 72.8515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

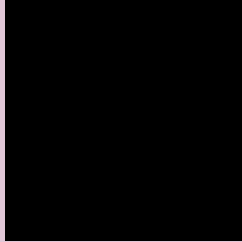
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7405, 61.7607, 72.8515

Background



This preview shows how black text looks on a background with the XYZ color 63.7405, 61.7607, 72.8515.

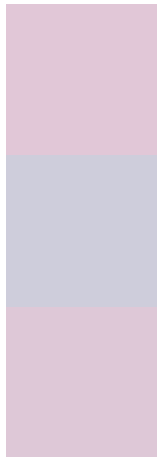


This preview shows how white text looks on a background with the XYZ color 63.7405, 61.7607,

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

63.7405, 61.7607, 72.8515

Protanopia

60.0711, 61.8989, 75.7994

Deuteranopia

63.0442, 61.7444, 72.8851



Tritanopia

63.7405, 61.7607, 72.8515

Trichromacy



Original Color

63.7405, 61.7607, 72.8515

Protanomaly

61.4514, 61.9200, 75.0426

Deuteranomaly

63.3514, 61.9028, 72.8994

Tritanomaly

63.7405, 61.7607, 72.8515

Monochromacy



Original Color

63.7405, 61.7607, 72.8515

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.6135, 62.8129, 70.5047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7405, 61.7607, 72.8515 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(225, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.7405, 61.7607, 72.8515 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(225, 199, 215) }
```


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

```
.border{ border-color:rgb(225, 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(225, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 199, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 199, 215); box-shadow:4px 4px 4px 4px rgb(225, 199, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7405, 61.7607, 72.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 215) }
```

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

```
.background{ background-color: rgb(225,  
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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