

Converting Colors

XYZ(62.3513, 58.7231, 71.6667)

Have a look what the booklet for
XYZ(62.3513, 58.7231, 71.6667)
contains.

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Color

**XYZ(62.3513, 58.7231,
71.6667)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C0D6
RGB	226, 192, 214
RGB Percent	89%, 75%, 84%
CMY	0.1137, 0.2470, 0.1608
CMYK	0.00, 0.15, 0.05, 0.11
HSL	321°, 37%, 82%
HSV	321°, 15%, 89%
XYZ	62.3513, 58.7231, 71.6667
YIQ	204.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

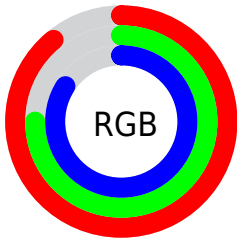
Format	Color
R _Y B	226, 192, 214
Decimal	14860502
CIE Lab	81.14, 15.75, -6.49
CIE LCh	81, 17.032, 337.594
Yxy	58.7231, 0.3235, 0.3047
Android (android.graphics.Color)	4293050582 (0xFFE2C0D6)
YUV	204.6740, 4.5977, 18.7029
Hunter-Lab	76.6310, 11.1334, -1.8074

Details

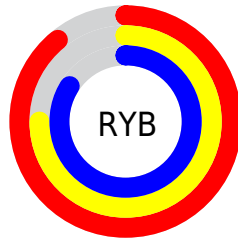
The XYZ color **62.3513, 58.7231, 71.6667** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.8360, 69.9605, 67.4802**, and the grayscale version is **57.7886, 60.7981, 66.2091**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **31.9241, 29.2262, 36.7595** is the 20% darker color. If you saturate the color by 10%, you get **56.7714, 49.1533, 64.9029**, and if you desaturate by 10%, it is **68.7465, 69.8419, 78.9498**.

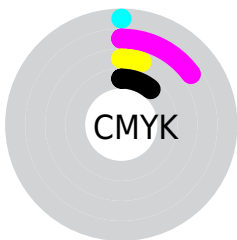
Distribution



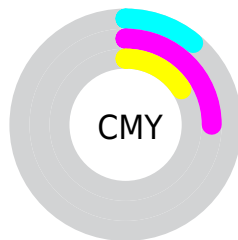
- Red (89%)
- Green (75%)
- Blue (84%)



- Red (89%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3513, 58.7231, 71.6667 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 62.3513, 58.7231, 71.6667 by changing the saturation by 10% instead.


 62.3513, 58.7231,
71.6667

 62.3513, 58.7231,
71.6667


422.9085,
419.8750, 485.3270

 45.5733, 42.3903,
52.4013


 107.3202,
102.9751, 123.2859

 32.1124, 29.4070,
36.9406


136.2417,
131.6631, 156.4767

 21.6033, 19.3889,
24.8661


169.9419,
165.2382, 195.1464

 13.6807, 11.9516,
15.7592

208.7860,
204.0849, 239.7135

 7.9791, 6.7108,
9.2014

253.1393,
248.5875, 290.5966

 4.1333, 3.2819,
4.7742

303.3673,

 1.7778, 1.2806,

299.1305, 348.2142

2.0590

359.8352,
356.0982, 412.9848

■ 0.5043, 0.1261,
0.5912

■ 0.0000, 0.0000,
0.0000

■ 62.3513, 58.7231,
71.6667

■ 62.3513, 58.7231,
71.6667

■ 56.7714, 49.1533,
64.9029

■ 68.7465, 69.8419,
78.9498

■ 51.9662, 41.0552,
58.6395

■ 75.9850, 82.5672,
86.7629

■ 47.8996, 34.3564,
52.8614

■ 82.5473, 93.8581,
94.6037

■ 44.5300, 28.9754,
47.5511

■ 83.7454, 94.3373,
100.9126

■ 41.8118, 24.8220,
42.6898

■ 84.9961, 94.8376,
107.4984

■ 39.6937, 21.7948,
38.2565

■ 85.1744, 94.9090,
108.4378

■ 38.1161, 19.7759,
34.2275

■ 37.0061, 18.6209,
30.5743

■ 36.5703, 18.2513,
28.8817

Harmonies

Analogous

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



60.0738, 58.7231, 80.6745



62.3513, 58.7231, 71.6667



62.8419, 58.7231, 61.3961

Triad

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



62.3513, 58.7231, 71.6667



54.9193, 58.7231, 46.4874



50.5898, 58.7231, 76.5934

Complementary

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



62.3513, 58.7231, 71.6667



59.8360, 69.9605, 67.4802

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.



49.3317, 58.7231, 66.5522



62.3513, 58.7231, 71.6667



51.7616, 58.7231, 49.6952

Square

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



62.3513, 58.7231, 71.6667



58.4512, 58.7231, 47.5478



49.7514, 58.7231, 56.7887



53.2584, 58.7231, 83.7222

Rectangle

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



62.3513, 58.7231, 71.6667



62.0712, 58.7231, 55.3228



49.7514, 58.7231, 56.7887



49.9931, 58.7231, 73.4074

Sweetspot

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



62.3530, 58.7257, 71.6680



90.4004, 91.8467, 103.8172



57.4540, 56.0165, 79.7366



19.2144, 19.4230, 22.0713



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.



62.3530, 58.7257, 71.6680



79.6151, 73.1301, 91.4243



60.3053, 57.9066, 60.8849



14.0789, 13.8492, 16.1854



20.9215, 10.4356, 16.7841



1.4922, 0.7401, 1.3847

Inverse Universe

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



62.3530, 58.7257, 71.6680



79.6151, 73.1301, 91.4243



61.9744, 70.8158, 78.7405



14.0789, 13.8492, 16.1854



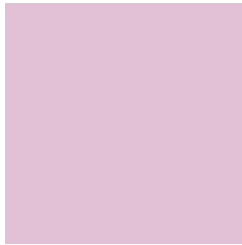
20.9215, 10.4356, 16.7841



1.4922, 0.7401, 1.3847

Previews

White Background



This preview shows how the XYZ color 62.3513, 58.7231, 71.6667 looks on a white background.

Color Contrast Check

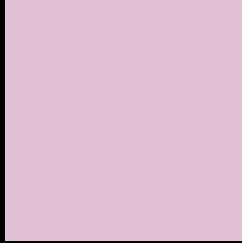
Large Text (above 18pt) WCAG AA × Fail

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 62.3513, 58.7231, 71.6667 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 62.3513, 58.7231, 71.6667

Background



This preview shows how black text looks on a background with the XYZ color 62.3513, 58.7231, 71.6667.



This preview shows how white text looks on a background with the XYZ color 62.3513, 58.7231,

71.6667.

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

62.3513, 58.7231, 71.6667

Protanopia

57.2599, 58.7024, 75.3306

Deuteranopia

60.0691, 58.8829, 71.1503



Tritanopia

61.5065, 58.7015, 67.7633

Trichromacy



Original Color

62.3513, 58.7231, 71.6667

Protanomaly

58.7851, 58.4976, 73.8385

Deuteranomaly

61.0405, 59.0500, 71.1314

Tritanomaly

61.7542, 58.8006, 69.0676

Monochromacy



Original Color

62.3513, 58.7231, 71.6667

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.4800, 60.0088, 68.1224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3513, 58.7231, 71.6667 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(226, 192, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 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(226, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.3513, 58.7231, 71.6667 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(226, 192, 214) }
```


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

```
.border{ border-color:rgb(226, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 192,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3513, 58.7231, 71.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 214) }
```

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

```
.background{ background-color: rgb(226,  
192, 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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