

Converting Colors

XYZ(62.1704, 58.7636, 70.9126)

Have a look what the booklet for
XYZ(62.1704, 58.7636, 70.9126)
contains.

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Color

**XYZ(62.2239, 58.6721,
70.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C0D5
RGB	226, 192, 213
RGB Percent	89%, 75%, 84%
CMY	0.1137, 0.2470, 0.1647
CMYK	0.00, 0.15, 0.06, 0.11
HSL	323°, 37%, 82%
HSV	323°, 15%, 89%
XYZ	62.2239, 58.6721, 70.9961
YIQ	204.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

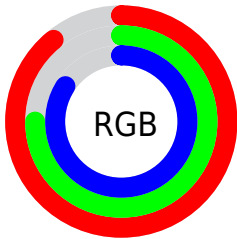
Format	Color
R _Y B	226, 192, 213
Decimal	14860501
CIE Lab	81.11, 15.57, -6.00
CIE LCh	81, 16.686, 338.939
Yxy	58.6721, 0.3243, 0.3058
Android (android.graphics.Color)	4293050581 (0xFFE2C0D5)
YUV	204.5600, 4.1609, 18.8029
Hunter-Lab	76.5977, 10.9579, -1.3357

Details

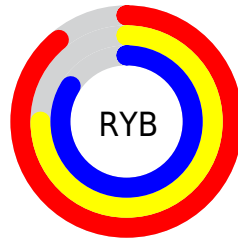
The XYZ color **62.2239, 58.6721, 70.9961** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.9563, 70.0085, 68.1138**, and the grayscale version is **57.7188, 60.7247, 66.1292**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **31.8376, 29.1916, 36.3043** is the 20% darker color. If you saturate the color by 10%, you get **56.5701, 49.0727, 63.8432**, and if you desaturate by 10%, it is **68.7015, 69.8239, 78.7134**.

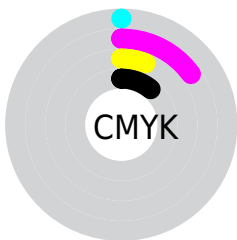
Distribution



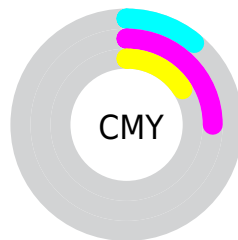
- Red (89%)
- Green (75%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2239, 58.6721, 70.9961 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 62.2239, 58.6721, 70.9961 by changing the saturation by 10% instead.


 62.2239, 58.6721,
70.9961

 62.2239, 58.6721,
70.9961

422.4519,
419.6857, 482.9231

 45.4699, 42.3492,
51.8572


 107.1372,
102.9009, 122.3226

 32.0306, 29.3748,
36.5098

136.0272,
131.5757, 155.3472

 21.5405, 19.3646,
24.5354

169.6933,
165.1365, 193.8376

 13.6344, 11.9340,
15.5154

208.5007,
203.9678, 238.2121

 7.9468, 6.6987,
9.0313

252.8150,
248.4540, 288.8894

 4.1124, 3.2744,
4.6645

303.0014,

 1.7659, 1.2766,

298.9794, 346.2879

1.9965

359.4252,
355.9285, 410.8263

0.4970, 0.1230,
0.5531

0.0000, 0.0000,
0.0000

62.2239, 58.6721,
70.9961

62.2239, 58.6721,
70.9961

56.5701, 49.0727,
63.8432

68.7015, 69.8239,
78.7134

51.6994, 40.9484,
57.2348

76.0312, 82.5856,
87.0068

47.5754, 34.2267,
51.1546

82.6937, 93.9167,
95.3748

44.1564, 28.8259,
45.5842

84.0010, 94.4396,
102.2589

■ 41.3966, 24.6559,
40.5035

■ 85.1744, 94.9089,
108.4378

■ 39.2444, 21.6151,
35.8905

■ 37.6399, 19.5855,
31.7200

■ 36.5101, 18.4225,
27.9626

■ 36.0671, 18.0500,
26.2317

Harmonies

Analogous

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



60.0634, 58.6721, 79.9209



62.2239, 58.6721, 70.9961



62.6168, 58.6721, 60.9618

Triad

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



62.2239, 58.6721, 70.9961



54.7362, 58.6721, 46.8131



50.7381, 58.6721, 76.6554

Complementary

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



62.2239, 58.6721, 70.9961



59.9563, 70.0085, 68.1138

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.



49.4342, 58.6721, 66.8980



62.2239, 58.6721, 70.9961



51.6788, 58.6721, 50.1501

Square

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



62.2239, 58.6721, 70.9961



58.1971, 58.6721, 47.6666



49.7713, 58.6721, 57.2634



53.4037, 58.6721, 83.4164

Rectangle

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



62.2239, 58.6721, 70.9961



61.8082, 58.6721, 55.0806



49.7713, 58.6721, 57.2634



50.1311, 58.6721, 73.5786

Sweetspot

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



62.2256, 58.6747, 70.9974



90.3414, 91.8231, 103.5070



57.6094, 56.0966, 79.7437



19.2001, 19.4172, 21.9958



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.



62.2256, 58.6747, 70.9974



79.4166, 73.0507, 90.3789



60.2404, 57.8806, 60.5433



14.0613, 13.8421, 16.0928



20.6356, 10.3213, 15.2789



1.4736, 0.7327, 1.2869

Inverse Universe

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



62.2256, 58.6747, 70.9974



79.4166, 73.0507, 90.3789



62.0499, 70.8460, 79.1385



14.0613, 13.8421, 16.0928



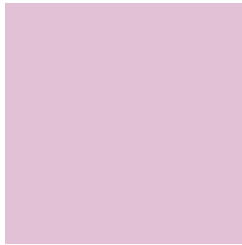
20.6356, 10.3213, 15.2789



1.4736, 0.7327, 1.2869

Previews

White Background



This preview shows how the XYZ color 62.2239, 58.6721, 70.9961 looks on a white background.

Color Contrast Check

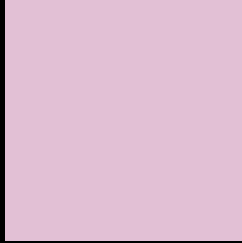
Large Text (above 18pt) WCAG AA × Fail

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 62.2239, 58.6721, 70.9961 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 62.2239, 58.6721, 70.9961

Background



This preview shows how black text looks on a background with the XYZ color 62.2239, 58.6721, 70.9961.



This preview shows how white text looks on a background with the XYZ color 62.2239, 58.6721,

70.9961.

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

62.2239, 58.6721, 70.9961

Protanopia

57.1286, 58.6499, 74.6392

Deuteranopia

59.9425, 58.8323, 70.4838



Tritanopia

61.5065, 58.7015, 67.7633

Trichromacy



Original Color

62.2239, 58.6721, 70.9961

Protanomaly

58.6554, 58.4457, 73.1554

Deuteranomaly

60.9140, 58.9993, 70.4649

Tritanomaly

61.7542, 58.8006, 69.0676

Monochromacy



Original Color

62.2239, 58.6721, 70.9961

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 62.2239, 58.6721, 70.9961 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 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(226, 192, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.2239, 58.6721, 70.9961 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, 213) }
```


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

```
.border{ border-color:rgb(226, 192, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 192, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 192, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 192,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2239, 58.6721, 70.9961 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, 213) }
```

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

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