

Converting Colors

XYZ(62.1583, 55.7342, 72.4369)

Have a look what the booklet for
XYZ(62.1583, 55.7342, 72.4369)
contains.

XYZ(62.2832, 55.8138, 72.4562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.2832, 55.8138,
72.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B7D8
RGB	231, 183, 216
RGB Percent	91%, 72%, 85%
CMY	0.0941, 0.2823, 0.1529
CMYK	0.00, 0.21, 0.06, 0.09
HSL	319°, 50%, 81%
HSV	319°, 21%, 91%
XYZ	62.2832, 55.8138, 72.4562
YIQ	201.1140, 18.0150, 20.4390

Conversions

Conversions Part 2

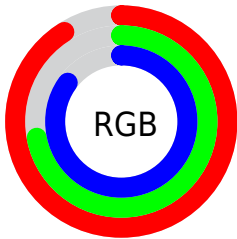
Format	Color
RYB	231, 183, 216
Decimal	15185880
CIELab	79.51, 22.62, -9.94
CIELCh	80, 24.708, 336.275
Yxy	55.8138, 0.3269, 0.2929
Android (android.graphics.Color)	4293375960 (0xFFE7B7D8)
YUV	201.1140, 7.3388, 26.2100
Hunter-Lab	74.7086, 18.0720, -5.2064

Details

The XYZ color **62.2832, 55.8138, 72.4562** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.2997, 71.2980, 64.1186**, and the grayscale version is **55.5375, 58.4298, 63.6301**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **32.0949, 27.6524, 37.3641** is the 20% darker color. If you saturate the color by 10%, you get **56.9914, 46.6906, 66.1884**, and if you desaturate by 10%, it is **68.4012, 66.5222, 79.2030**.

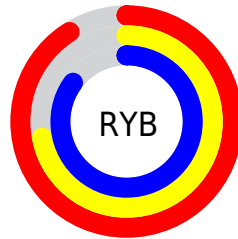
Distribution



Red (91%)

Green (72%)

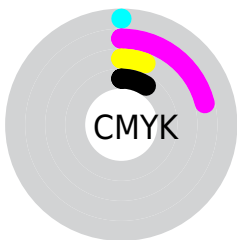
Blue (85%)



Red (91%)

Yellow (72%)

Blue (85%)

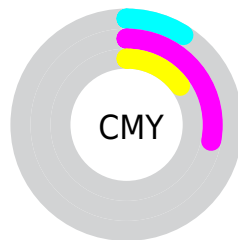


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (28%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2832, 55.8138, 72.4562 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 62.2832, 55.8138, 72.4562 by changing the saturation by 10% instead.


 62.2832, 55.8138,
72.4562

 62.2832, 55.8138,
72.4562


422.6645,
408.9894, 488.1481

 45.5180, 40.0537,
53.0423


 107.2224, 98.7323,
124.4187

 32.0687, 27.5804,
37.4486


136.1271,
126.6594, 157.8043

 21.5698, 18.0096,
25.2565


169.8090,
159.4110, 196.6843

 13.6559, 10.9569,
16.0475


208.6335,
197.3714, 241.4771

 7.9619, 6.0378,
9.4031

252.9660,
240.9251, 292.6014

 4.1221, 2.8681,
4.9046

303.1717,

 1.7715, 1.0633,

290.4563, 350.4756

2.1336

359.6161,
346.3497, 415.5183

■ 0.5004, 0.0000,
0.6357

■ 0.0000, 0.0000,
0.0000

■ 62.2832, 55.8138,
72.4562

■ 62.2832, 55.8138,
72.4562

■ 56.9914, 46.6906,
66.1884

■ 68.4012, 66.5222,
79.2030

■ 52.4823, 39.0687,
60.3806

■ 75.3765, 78.8796,
86.4399

■ 48.7157, 32.8678,
55.0175

■ 83.2446, 92.9552,
94.1817

■ 45.6457, 27.9971,
50.0811

■ 85.1784, 95.0943,
100.1551

■ 43.2211, 24.3551,
45.5516

■ 86.3017, 95.5437,
106.0706

■ 41.3836, 21.8257,
41.4068

■ 86.7654, 95.7291,
108.5123

■ 40.0631, 20.2703,
37.6205

■ 39.1966, 19.4856,
34.4081

Harmonies

Analogous

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



58.9038, 55.8138, 85.6010



62.2832, 55.8138, 72.4562



63.1217, 55.8138, 57.8306

Triad

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



62.2832, 55.8138, 72.4562



52.0122, 55.8138, 37.4338



45.7153, 55.8138, 78.4364

Complementary

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



62.2832, 55.8138, 72.4562



58.2997, 71.2980, 64.1186

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.



44.1099, 55.8138, 63.8109



62.2832, 55.8138, 72.4562



47.5962, 55.8138, 41.2780

Square

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



62.2832, 55.8138, 72.4562



56.9861, 55.8138, 39.0106



44.7764, 55.8138, 50.4162



49.2982, 55.8138, 89.4132

Rectangle

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



62.2832, 55.8138, 72.4562



62.0835, 55.8138, 49.4485



44.7764, 55.8138, 50.4162



44.9371, 55.8138, 73.7037

Sweetspot

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



62.2848, 55.8163, 72.4574



89.6014, 90.3195, 103.3330



54.4905, 51.5638, 82.6831



19.0566, 19.1165, 21.9907



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.



62.2848, 55.8163, 72.4574



74.9318, 64.6333, 87.1812



59.4716, 54.6910, 57.6430



14.7933, 14.5345, 17.1120



22.0323, 10.9471, 19.5967



1.6695, 0.8255, 1.6662

Inverse Universe

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



62.2848, 55.8163, 72.4574



74.9318, 64.6333, 87.1812



61.2108, 72.4624, 79.4484



14.7933, 14.5345, 17.1120



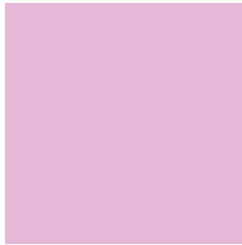
22.0323, 10.9471, 19.5967



1.6695, 0.8255, 1.6662

Previews

White Background



This preview shows how the XYZ color 62.2832, 55.8138, 72.4562 looks on a white background.

Color Contrast Check

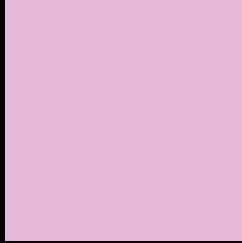
Large Text (above 18pt) WCAG AA × Fail

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 62.2832, 55.8138, 72.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

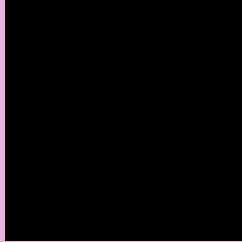
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2832, 55.8138, 72.4562

Background



This preview shows how black text looks on a background with the XYZ color 62.2832, 55.8138, 72.4562.



This preview shows how white text looks on a background with the XYZ color 62.2832, 55.8138,

72.4562.

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

62.2832, 55.8138, 72.4562

Protanopia

55.1868, 56.1991, 78.4599

Deuteranopia

57.2817, 56.1096, 71.4295



Tritanopia

60.2973, 55.9460, 62.2642

Trichromacy



Original Color

62.2832, 55.8138, 72.4562

Protanomaly

57.4141, 55.7475, 76.1409

Deuteranomaly

59.0786, 56.0532, 71.9955

Tritanomaly

61.1227, 55.9771, 65.9757

Monochromacy



Original Color

62.2832, 55.8138, 72.4562

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5837, 57.0369, 66.3667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2832, 55.8138, 72.4562 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, 183, 216)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 216)  
}
```

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, 183, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.2832, 55.8138, 72.4562 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, 183, 216) }
```


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

```
.border{ border-color:rgb(231, 183, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 183, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 183, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 183, 216); box-shadow:4px 4px 4px 4px rgb(231, 183, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2832, 55.8138, 72.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 216) }
```

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

```
.background{ background-color: rgb(231,  
183, 216) }
```

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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