

Converting Colors

XYZ(67.4665, 62.3927, 77.7192)

Have a look what the booklet for
XYZ(67.4665, 62.3927, 77.7192)
contains.

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Color

**XYZ(67.5168, 62.5866,
77.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC4DE
RGB	236, 196, 222
RGB Percent	93%, 77%, 87%
CMY	0.0745, 0.2314, 0.1294
CMYK	0.00, 0.17, 0.06, 0.07
HSL	321°, 51%, 85%
HSV	321°, 17%, 93%
XYZ	67.5168, 62.5866, 77.6292
YIQ	210.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

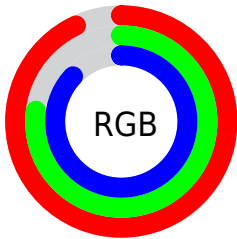
Format	Color
R _{YB}	236, 196, 222
Decimal	15516894
CIE Lab	83.22, 18.44, -7.59
CIE LCh	83, 19.941, 337.617
Yxy	62.5866, 0.3250, 0.3013
Android (android.graphics.Color)	4293706974 (0xFFECC4DE)
YUV	210.9240, 5.4605, 21.9917
Hunter-Lab	79.1117, 13.8929, -2.8008

Details

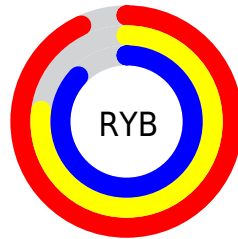
The XYZ color **67.5168, 62.5866, 77.6292** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.3957, 76.3815, 72.3253**, and the grayscale version is **61.8261, 65.0459, 70.8350**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **35.4704, 31.8393, 40.8353** is the 20% darker color. If you saturate the color by 10%, you get **61.5267, 52.3344, 70.3035**, and if you desaturate by 10%, it is **74.4020, 74.5405, 85.5225**.

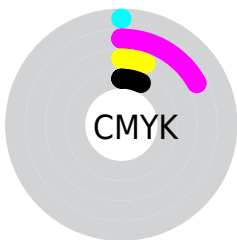
Distribution



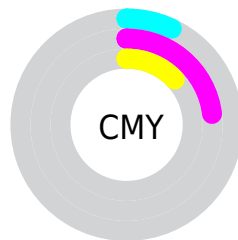
- Red (93%)
- Green (77%)
- Blue (87%)



- Red (93%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5168, 62.5866, 77.6292 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 67.5168, 62.5866, 77.6292 by changing the saturation by 10% instead.

67.5168, 62.5866,
77.6292

67.5168, 62.5866,
77.6292

441.1857,
434.0676, 506.4012

49.7770, 45.5069,
57.2548

114.7063,
108.5729, 131.8084

35.4533, 31.8568,
40.7991

144.8868,
138.2482, 166.4502

24.1804, 21.2522,
27.8436

179.9447,
172.8909, 206.6850

15.5930, 13.3085,
17.9698

220.2457,
212.8852, 252.9312

9.3256, 7.6413,
10.7591

266.1549,
258.6157, 305.6074

5.0130, 3.8663,
5.7930

318.0377,

2.2897, 1.5991,

310.4666, 365.1321

2.6529

376.2595,
368.8225, 431.9238

■ 0.7894, 0.3570,
0.9196

■ 0.0000, 0.0000,
0.0000

■ 67.5168, 62.5866,
77.6292

■ 67.5168, 62.5866,
77.6292

■ 61.5267, 52.3344,
70.3035

■ 74.4020, 74.5405,
85.5225

■ 56.3866, 43.6973,
63.5242

■ 82.2142, 88.2612,
93.9953

■ 52.0552, 36.5935,
57.2746

■ 87.1076, 96.0551,
101.7703

■ 48.4859, 30.9306,
51.5350

■ 88.4025, 96.5731,
108.5889

■ 45.6267, 26.6063,
46.2841

■ 43.4189, 23.5046,
41.4982

■ 41.7941, 21.4896,
37.1503

■ 40.6642, 20.3869,
33.2065

■ 40.3748, 20.1460,
32.0680

Harmonies

Analogous

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



64.7113, 62.5866, 88.8182



67.5168, 62.5866, 77.6292



68.1208, 62.5866, 65.0362

Triad

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



67.5168, 62.5866, 77.6292



58.3906, 62.5866, 47.1506



53.1363, 62.5866, 83.7504

Complementary

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



67.5168, 62.5866, 77.6292



64.3957, 76.3815, 72.3253

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.



51.6148, 62.5866, 71.3537



67.5168, 62.5866, 77.6292



54.5512, 62.5866, 50.9597

Square

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



67.5168, 62.5866, 77.6292



62.7118, 62.5866, 48.4016



52.1199, 62.5866, 59.4687



56.3741, 62.5866, 92.6404

Rectangle

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



67.5168, 62.5866, 77.6292



67.1680, 62.5866, 57.6860



52.1199, 62.5866, 59.4687



52.4145, 62.5866, 79.8000

Sweetspot

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



67.5186, 62.5894, 77.6305



90.4063, 91.8491, 103.8484



61.4611, 59.2407, 87.5531



19.2158, 19.4235, 22.0789



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.



67.5186, 62.5894, 77.6305



78.1406, 70.5688, 89.7371



64.9949, 61.5799, 64.3406



15.4779, 15.2190, 17.8019



22.3186, 11.1301, 18.0109



1.7978, 0.8921, 1.6525

Inverse Universe

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



67.5186, 62.5894, 77.6305



78.1406, 70.5688, 89.7371



67.0453, 77.4414, 86.2783



15.4779, 15.2190, 17.8019



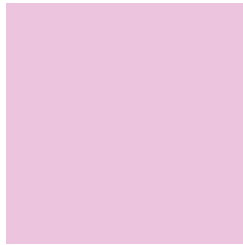
22.3186, 11.1301, 18.0109



1.7978, 0.8921, 1.6525

Previews

White Background



This preview shows how the XYZ color 67.5168, 62.5866, 77.6292 looks on a white background.

Color Contrast Check

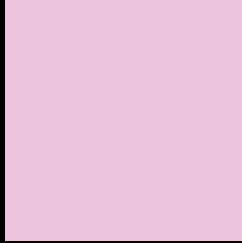
Large Text (above 18pt) WCAG AA × Fail

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 67.5168, 62.5866, 77.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

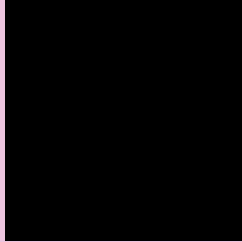
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5168, 62.5866, 77.6292

Background



This preview shows how black text looks on a background with the XYZ color 67.5168, 62.5866, 77.6292.



This preview shows how white text looks on a background with the XYZ color 67.5168, 62.5866,

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

67.5168, 62.5866, 77.6292

Protanopia

61.2517, 62.7232, 82.2773

Deuteranopia

64.2959, 62.9911, 77.1764



Tritanopia

66.4653, 62.8544, 71.5798

Trichromacy



Original Color

67.5168, 62.5866, 77.6292

Protanomaly

63.1669, 62.3310, 80.6533

Deuteranomaly

65.3840, 62.8599, 77.0937

Tritanomaly

66.6219, 62.5525, 73.5282

Monochromacy



Original Color

67.5168, 62.5866, 77.6292

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.8522, 64.2646, 73.3289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5168, 62.5866, 77.6292 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(236, 196, 222)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 222)  
}
```

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(236, 196, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.5168, 62.5866, 77.6292 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(236, 196, 222) }
```


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

```
.border{ border-color:rgb(236, 196, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 222);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5168, 62.5866, 77.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 222) }
```

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

```
.background{ background-color: rgb(236,  
196, 222) }
```

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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