

Converting Colors

XYZ(67.6642, 62.5878, 80.0388)

Have a look what the booklet for
XYZ(67.6642, 62.5878, 80.0388)
contains.

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Color

**XYZ(67.5915, 62.5783,
79.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC4E1
RGB	235, 196, 225
RGB Percent	92%, 77%, 88%
CMY	0.0784, 0.2314, 0.1176
CMYK	0.00, 0.17, 0.04, 0.08
HSL	315°, 49%, 85%
HSV	315°, 17%, 92%
XYZ	67.5915, 62.5783, 79.7505
YIQ	210.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

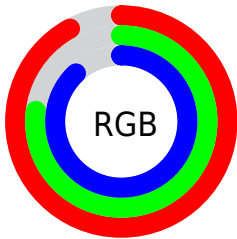
Format	Color
R _Y B	235, 196, 225
Decimal	15451361
CIE Lab	83.22, 18.62, -9.21
CIE LCh	83, 20.777, 333.674
Yxy	62.5783, 0.3220, 0.2981
Android (android.graphics.Color)	4293641441 (0xFFEBC4E1)
YUV	210.9670, 6.9183, 21.0769
Hunter-Lab	79.1064, 14.0808, -4.3982

Details

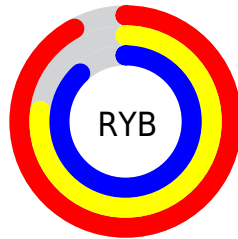
The XYZ color **67.5915, 62.5783, 79.7505** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.6164, 75.6104, 69.6374**, and the grayscale version is **61.8460, 65.0668, 70.8577**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **35.5191, 31.8320, 42.3023** is the 20% darker color. If you saturate the color by 10%, you get **61.8932, 52.4733, 73.8667**, and if you desaturate by 10%, it is **74.1527, 74.3608, 86.0665**.

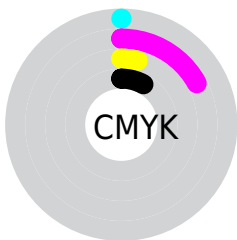
Distribution



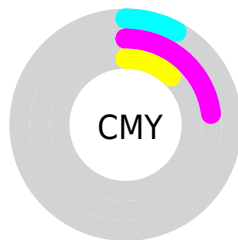
- Red (92%)
- Green (77%)
- Blue (88%)



- Red (92%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5915, 62.5783, 79.7505 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 67.5915, 62.5783, 79.7505 by changing the saturation by 10% instead.

67.5915, 62.5783,
79.7505

67.5915, 62.5783,
79.7505

441.4468,
434.0374, 513.7762

49.8379, 45.5001,
58.9881

114.8127,
108.5609, 134.8231

35.5019, 31.8516,
42.1836

145.0110,
138.2341, 169.9704

24.2181, 21.2481,
28.9184

180.0883,
172.8745, 210.7498

15.6211, 13.3055,
18.7741

220.4099,
212.8664, 257.5797

9.3456, 7.6393,
11.3320

266.3412,
258.5943, 310.8788

5.0262, 3.8650,
6.1736


318.2476,


2.2975, 1.5983,


310.4425, 371.0655


2.8804


376.4943,
368.7954, 438.5585


 0.7934, 0.3565,
1.0339


 0.0000, 0.0000,
0.0000


 67.5915, 62.5783,
79.7505


 67.5915, 62.5783,
79.7505


 61.8932, 52.4733,
73.8667


 74.1527, 74.3608,
86.0665


 57.0134, 43.9604,
68.3968

 81.6077, 87.8846,
92.8244

 52.9121, 36.9590,
63.3266

 86.2112, 95.6583,
98.7778

 49.5436, 31.3783,
58.6394

 87.1369, 96.0286,
103.6526

■ 46.8573, 27.1174,
54.3169

■ 88.0714, 96.4024,
108.5734

■ 44.7961, 24.0625,
50.3383

■ 43.2928, 22.0802,
46.6798

■ 42.2632, 21.0021,
43.3117

■ 41.9735, 20.7472,
42.2148

Harmonies

Analogous

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



64.4159, 62.5783, 90.9560



67.5915, 62.5783, 79.7505



68.5557, 62.5783, 66.5586

Triad

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



67.5915, 62.5783, 79.7505



58.9250, 62.5783, 46.2436



52.5525, 62.5783, 82.8502

Complementary

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



67.5915, 62.5783, 79.7505



63.6164, 75.6104, 69.6374

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.



51.2407, 62.5783, 69.7405



67.5915, 62.5783, 79.7505



54.8007, 62.5783, 49.4946

Square

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



67.5915, 62.5783, 79.7505



63.4065, 62.5783, 48.2202



52.0427, 62.5783, 57.7097



55.7167, 62.5783, 92.8984

Rectangle

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



67.5915, 62.5783, 79.7505



67.7763, 62.5783, 58.6468



52.0427, 62.5783, 57.7097



51.8878, 62.5783, 78.5997

Sweetspot

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



67.5933, 62.5810, 79.7518



90.5946, 91.9244, 104.8399



60.1222, 58.5673, 86.7341



19.2617, 19.4419, 22.3203



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.



67.5933, 62.5810, 79.7518



78.8481, 70.8518, 93.4627



65.1133, 61.5890, 66.6923



15.5402, 15.2439, 18.1302



23.4143, 11.5684, 23.7810



1.8772, 0.9238, 2.0706

Inverse Universe

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



67.5933, 62.5810, 79.7518



78.8481, 70.8518, 93.4627



66.1002, 76.6040, 82.7170



15.5402, 15.2439, 18.1302



23.4143, 11.5684, 23.7810



1.8772, 0.9238, 2.0706

Previews

White Background



This preview shows how the XYZ color 67.5915, 62.5783, 79.7505 looks on a white background.

Color Contrast Check

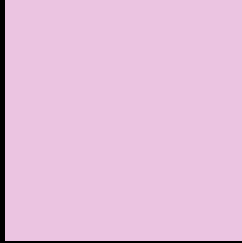
Large Text (above 18pt) WCAG AA × Fail

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 67.5915, 62.5783, 79.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

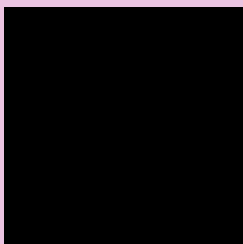
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5915, 62.5783, 79.7505

Background



This preview shows how black text looks on a background with the XYZ color 67.5915, 62.5783, 79.7505.



This preview shows how white text looks on a background with the XYZ color 67.5915, 62.5783,

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

67.5915, 62.5783, 79.7505

Protanopia

61.3970, 62.7495, 84.4772

Deuteranopia

64.0903, 62.8385, 79.2721



Tritanopia

65.8086, 62.5159, 71.5491

Trichromacy



Original Color

67.5915, 62.5783, 79.7505

Protanomaly

63.2877, 62.3453, 82.8270

Deuteranomaly

65.1602, 62.6979, 79.1886

Tritanomaly

66.4223, 62.4347, 74.1959

Monochromacy



Original Color

67.5915, 62.5783, 79.7505

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.9812, 64.3161, 74.0078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5915, 62.5783, 79.7505 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(235, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 225)  
}
```

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(235, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 225) }
```

Border

The CSS property to change the border of an element to XYZ 67.5915, 62.5783, 79.7505 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(235, 196, 225) }
```


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

```
.border{ border-color:rgb(235, 196, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5915, 62.5783, 79.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 225) }
```

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

```
.background{ background-color: rgb(235,  
196, 225) }
```

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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