

Converting Colors

XYZ(67.0134, 62.7091, 75.5899)

Have a look what the booklet for
XYZ(67.0134, 62.7091, 75.5899)
contains.

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Color

**XYZ(67.0134, 62.7091,
75.5899)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC5DB
RGB	235, 197, 219
RGB Percent	92%, 77%, 86%
CMY	0.0784, 0.2274, 0.1412
CMYK	0.00, 0.16, 0.07, 0.08
HSL	325°, 49%, 85%
HSV	325°, 16%, 92%
XYZ	67.0134, 62.7091, 75.5899
YIQ	210.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

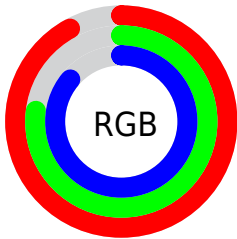
Format	Color
R _Y B	235, 197, 219
Decimal	15451611
CIE Lab	83.29, 17.05, -5.90
CIE LCh	83, 18.041, 340.900
Yxy	62.7091, 0.3264, 0.3054
Android (android.graphics.Color)	4293641691 (0xFFEBC5DB)
YUV	210.8700, 4.0081, 21.1620
Hunter-Lab	79.1891, 12.4739, -1.1629

Details

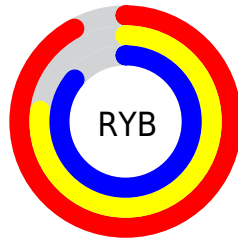
The XYZ color **67.0134, 62.7091, 75.5899** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.7470, 76.0928, 74.2292**, and the grayscale version is **61.7997, 65.0181, 70.8048**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **35.1137, 31.9090, 39.4303** is the 20% darker color. If you saturate the color by 10%, you get **60.8237, 52.3523, 67.2893**, and if you desaturate by 10%, it is **74.1160, 74.7659, 84.5784**.

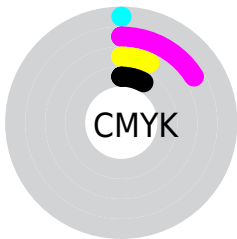
Distribution



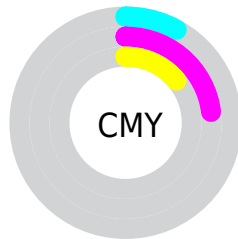
- Red (92%)
- Green (77%)
- Blue (86%)



- Red (92%)
- Yellow (77%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0134, 62.7091, 75.5899 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 67.0134, 62.7091, 75.5899 by changing the saturation by 10% instead.

67.0134, 62.7091,
75.5899

67.0134, 62.7091,
75.5899

439.4242,
434.5130, 499.2521

49.3663, 45.6059,
55.5917

113.9893,
108.7497, 128.9018

35.1258, 31.9350,
39.4738

144.0488,
138.4560, 163.0526

23.9268, 21.3118,
26.8179

178.9764,
173.1320, 202.7579

15.4038, 13.3521,
17.2053

219.1375,
213.1622, 248.4363

9.1914, 7.6715,
10.2174

264.8975,
258.9310, 300.5064

4.9243, 3.8855,
5.4359

316.6217,

2.2372, 1.6097,

310.8228, 359.3867

2.4420

374.6755,
369.2220, 425.4958

■ 0.7623, 0.3641,
0.8092

■ 0.0000, 0.0000,
0.0000

■ 67.0134, 62.7091,
75.5899

■ 67.0134, 62.7091,
75.5899

■ 60.8237, 52.3523,
67.2893

■ 74.1160, 74.7659,
84.5784

■ 55.5017, 43.6100,
59.6528

■ 82.1632, 88.5869,
94.2697

■ 51.0064, 36.4013,
52.6606

■ 87.0718, 96.0026,
103.3095

■ 47.2911, 30.6355,
46.2904

■ 88.0714, 96.4024,
108.5734

■ 44.3045, 26.2117,
40.5178

■ 41.9883, 23.0162,
35.3160

■ 40.2749, 20.9161,
30.6549

■ 39.0805, 19.7464,
26.4986

■ 38.7084, 19.4412,
25.0208

Harmonies

Analogous

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



64.6758, 62.7091, 85.9310



67.0134, 62.7091, 75.5899



67.3155, 62.7091, 64.2784

Triad

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



67.0134, 62.7091, 75.5899



58.1891, 62.7091, 49.1995



54.0853, 62.7091, 83.4114

Complementary

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



67.0134, 62.7091, 75.5899



64.7470, 76.0928, 74.2292

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.



52.5035, 62.7091, 72.4434



67.0134, 62.7091, 75.5899



54.8028, 62.7091, 53.2277

Square

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



67.0134, 62.7091, 75.5899



62.1038, 62.7091, 49.8445



52.7603, 62.7091, 61.4564



57.1705, 62.7091, 90.7776

Rectangle

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



67.0134, 62.7091, 75.5899



66.3078, 62.7091, 57.7827



52.7603, 62.7091, 61.4564



53.3664, 62.7091, 79.9764

Sweetspot

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



67.0152, 62.7119, 75.5912



90.2641, 91.7922, 103.0996



62.3564, 60.0549, 86.9035



19.1812, 19.4097, 21.8968



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.



67.0152, 62.7119, 75.5912



78.3813, 71.6428, 87.9902



64.6743, 61.7755, 63.2640



15.4311, 15.2003, 17.5553



21.6078, 10.8458, 14.2681



1.7446, 0.8708, 1.3725

Inverse Universe

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



67.0152, 62.7119, 75.5912



78.3813, 71.6428, 87.9902



67.2781, 77.1053, 87.5580



15.4311, 15.2003, 17.5553



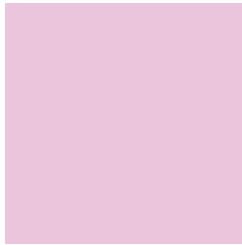
21.6078, 10.8458, 14.2681



1.7446, 0.8708, 1.3725

Previews

White Background



This preview shows how the XYZ color 67.0134, 62.7091, 75.5899 looks on a white background.

Color Contrast Check

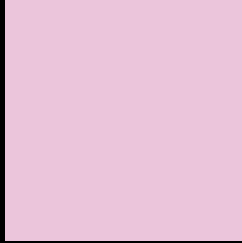
Large Text (above 18pt) WCAG AA × Fail

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 67.0134, 62.7091, 75.5899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

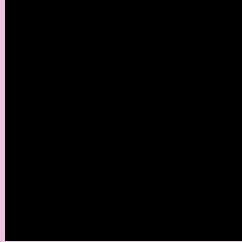
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0134, 62.7091, 75.5899

Background



This preview shows how black text looks on a background with the XYZ color 67.0134, 62.7091, 75.5899.



This preview shows how white text looks on a background with the XYZ color 67.0134, 62.7091,

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

67.0134, 62.7091, 75.5899

Protanopia

61.1155, 62.7007, 80.1155

Deuteranopia

64.2068, 62.9910, 75.1041



Tritanopia

66.1360, 62.6847, 71.5644

Trichromacy



Original Color

67.0134, 62.7091, 75.5899

Protanomaly

63.2905, 62.7913, 78.5962

Deuteranomaly

64.9877, 62.7014, 75.0070

Tritanomaly

66.3915, 62.7869, 72.9098

Monochromacy



Original Color

67.0134, 62.7091, 75.5899

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.7241, 64.2133, 72.6541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0134, 62.7091, 75.5899 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, 197, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 197, 219)  
}
```

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, 197, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 197, 219) }
```

Border

The CSS property to change the border of an element to XYZ 67.0134, 62.7091, 75.5899 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, 197, 219) }
```


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

```
.border{ border-color:rgb(235, 197, 219) }
```

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

Here you see how a box with a 4 pixel rgb(235, 197, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 197, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 197, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 197,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0134, 62.7091, 75.5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 197, 219) }
```

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

```
.background{ background-color: rgb(235,  
197, 219) }
```

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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