

Converting Colors

XYZ(67.1740, 61.9927, 78.9455)

Have a look what the booklet for
XYZ(67.1740, 61.9927, 78.9455)
contains.

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Color

**XYZ(67.2306, 62.0742,
78.9591)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC3E0
RGB	235, 195, 224
RGB Percent	92%, 76%, 88%
CMY	0.0784, 0.2353, 0.1216
CMYK	0.00, 0.17, 0.05, 0.08
HSL	317°, 50%, 84%
HSV	317°, 17%, 92%
XYZ	67.2306, 62.0742, 78.9591
YIQ	210.2660, 14.5310, 17.4990

Conversions

Conversions Part 2

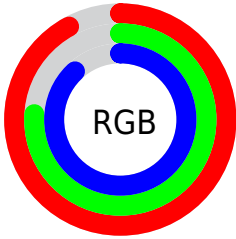
Format	Color
R_{YB}	235, 195, 224
Decimal	15451104
CIE _{Lab}	82.95, 18.98, -9.08
CIE _{LCh}	83, 21.036, 334.440
Y _{xy}	62.0742, 0.3228, 0.2981
Android (android.graphics.Color)	4293641184 (0xFFEBC3E0)
YUV	210.2660, 6.7709, 21.6917
Hunter-Lab	78.7872, 14.4399, -4.2683

Details

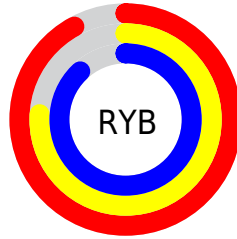
The XYZ color **67.2306, 62.0742, 78.9591** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.3570, 75.4767, 69.6252**, and the grayscale version is **61.3850, 64.5818, 70.3296**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **35.2767, 31.4980, 41.7566** is the 20% darker color. If you saturate the color by 10%, you get **61.5144, 52.0173, 72.8113**, and if you desaturate by 10%, it is **73.8124, 73.8071, 85.5612**.

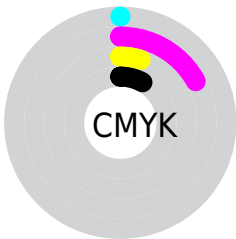
Distribution



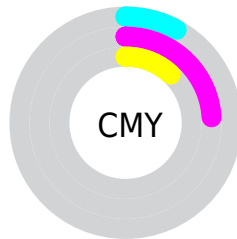
- Red (92%)
- Green (76%)
- Blue (88%)



- Red (92%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2306, 62.0742, 78.9591 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 67.2306, 62.0742, 78.9591 by changing the saturation by 10% instead.

67.2306, 62.0742,
78.9591

67.2306, 62.0742,
78.9591

440.1847,
432.2017, 511.0319

49.5434, 45.0927,
58.3411

114.2987,
107.8328, 133.6994

35.2671, 31.5304,
41.6664

144.4104,
137.3786, 168.6588

24.0362, 21.0031,
28.5165

179.3944,
171.8813, 209.2357

15.4853, 13.1263,
18.4730

219.6159,
211.7252, 255.8486

9.2492, 7.5155,
11.1171

265.4403,
257.2949, 308.9162

4.9625, 3.7866,
6.0305

317.2330,

2.2598, 1.5549,

308.9745, 368.8569

2.7946

375.3594,
367.1487, 436.0893

0.7740, 0.3269,
0.9907

0.0000, 0.0000,
0.0000

67.2306, 62.0742,
78.9591

67.2306, 62.0742,
78.9591

61.5144, 52.0173,
72.8113

73.8124, 73.8071,
85.5612

56.6194, 43.5507,
67.0992

81.2907, 87.2802,
92.6277

52.5051, 36.5937,
61.8081

86.2582, 95.6771,
99.0251

49.1257, 31.0548,
56.9208

87.2538, 96.0754,
104.2682

■ 46.4303, 26.8329,
52.4186

■ 88.0714, 96.4024,
108.5734

■ 44.3612, 23.8133,
48.2802

■ 42.8508, 21.8616,
44.4812

■ 41.8122, 20.8044,
40.9906

■ 41.5521, 20.5787,
39.9956

Harmonies

Analogous

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



64.0757, 62.0742, 90.3749



67.2306, 62.0742, 78.9591



68.1381, 62.0742, 65.6711

Triad

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



67.2306, 62.0742, 78.9591



58.3264, 62.0742, 45.6008



52.0890, 62.0742, 82.7364

Complementary

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



67.2306, 62.0742, 78.9591



63.3570, 75.4767, 69.6252

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.



50.7172, 62.0742, 69.5423



67.2306, 62.0742, 78.9591



54.1991, 62.0742, 48.9950

Square

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



67.2306, 62.0742, 78.9591



62.8468, 62.0742, 47.4497



51.4695, 62.0742, 57.3651



55.3128, 62.0742, 92.7445

Rectangle

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



67.2306, 62.0742, 78.9591



67.3093, 62.0742, 57.7630



51.4695, 62.0742, 57.3651



51.4037, 62.0742, 78.4689

Sweetspot

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



67.2324, 62.0769, 78.9604



90.5571, 91.9094, 104.6425



59.8743, 58.1057, 86.6580



19.2525, 19.4382, 22.2722



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.



67.2324, 62.0769, 78.9604



78.7061, 70.7950, 92.7149



64.7174, 61.0709, 65.7163



15.5278, 15.2390, 18.0647



23.1819, 11.4754, 22.5570



1.8605, 0.9172, 1.9830

Inverse Universe

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



67.2324, 62.0769, 78.9604



78.7061, 70.7950, 92.7149



65.8978, 76.4931, 83.0050



15.5278, 15.2390, 18.0647



23.1819, 11.4754, 22.5570



1.8605, 0.9172, 1.9830

Previews

White Background



This preview shows how the XYZ color 67.2306, 62.0742, 78.9591 looks on a white background.

Color Contrast Check

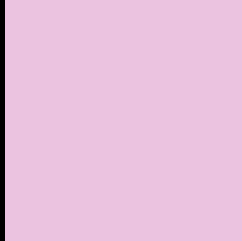
Large Text (above 18pt) WCAG AA × Fail

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 67.2306, 62.0742, 78.9591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

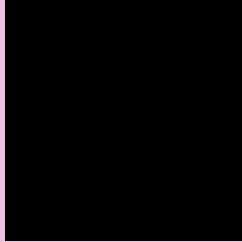
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2306, 62.0742, 78.9591

Background



This preview shows how black text looks on a background with the XYZ color 67.2306, 62.0742, 78.9591.



This preview shows how white text looks on a background with the XYZ color 67.2306, 62.0742,

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

67.2306, 62.0742, 78.9591

Protanopia

60.7429, 62.0723, 83.6426

Deuteranopia

63.4193, 62.1611, 78.4678



Tritanopia

65.4542, 62.0096, 70.8066

Trichromacy



Original Color

67.2306, 62.0742, 78.9591

Protanomaly

62.9146, 61.8218, 82.0156

Deuteranomaly

64.7940, 62.1821, 78.3994

Tritanomaly

66.0663, 61.9301, 73.4374

Monochromacy



Original Color

67.2306, 62.0742, 78.9591

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3105, 63.6290, 73.2348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2306, 62.0742, 78.9591 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, 195, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 224)  
}
```

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, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.2306, 62.0742, 78.9591 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, 195, 224) }
```


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

```
.border{ border-color:rgb(235, 195, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2306, 62.0742, 78.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 224) }
```

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

```
.background{ background-color: rgb(235,  
195, 224) }
```

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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