

Converting Colors

XYZ(67.3565, 61.9495, 77.9207)

Have a look what the booklet for
XYZ(67.3565, 61.9495, 77.9207)
contains.

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Color

**XYZ(67.2031, 61.7442,
78.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC2DF
RGB	236, 194, 223
RGB Percent	93%, 76%, 87%
CMY	0.0745, 0.2392, 0.1255
CMYK	0.00, 0.18, 0.06, 0.07
HSL	319°, 52%, 84%
HSV	319°, 18%, 93%
XYZ	67.2031, 61.7442, 78.1879
YIQ	209.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

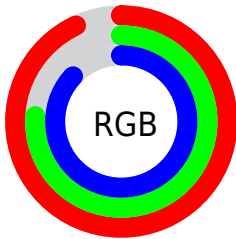
Format	Color
R _Y B	236, 194, 223
Decimal	15516383
CIE Lab	82.78, 19.67, -8.79
CIE LCh	83, 21.549, 335.921
Yxy	61.7442, 0.3244, 0.2981
Android (android.graphics.Color)	4293706463 (0xFFECC2DF)
YUV	209.8640, 6.4760, 22.9213
Hunter-Lab	78.5775, 15.1509, -3.9918

Details

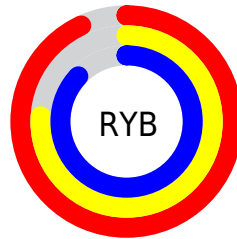
The XYZ color **67.2031, 61.7442, 78.1879** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.5085, 75.9668, 70.3507**, and the grayscale version is **61.1226, 64.3057, 70.0289**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.2684, 31.2866, 41.2259** is the 20% darker color. If you saturate the color by 10%, you get **61.3986, 51.6769, 71.4984**, and if you desaturate by 10%, it is **73.8877, 73.5020, 85.3820**.

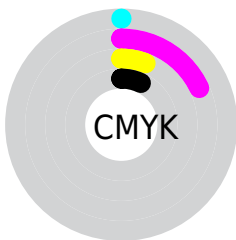
Distribution



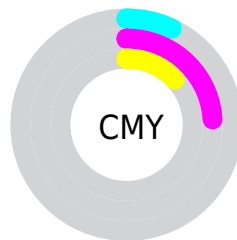
- Red (93%)
- Green (76%)
- Blue (87%)



- Red (93%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2031, 61.7442, 78.1879 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 67.2031, 61.7442, 78.1879 by changing the saturation by 10% instead.

67.2031, 61.7442,
78.1879

67.2031, 61.7442,
78.1879

440.0885,
430.9974, 508.3495

49.5210, 44.8260,
57.7110

114.2596,
107.3557, 132.6032

35.2492, 31.3204,
41.1632

144.3647,
136.8179, 167.3788

24.0223, 20.8430,
28.1259

179.3415,
171.2302, 207.7575

15.4750, 13.0093,
18.1808

219.5553,
210.9770, 254.1581

9.2419, 7.4349,
10.9091

265.3716,
256.4428, 306.9991

4.9577, 3.7356,
5.8923

317.1556,

2.2569, 1.5268,

308.0118, 366.6990

2.7120

375.2728,
366.0686, 433.6763

0.7725, 0.3075,
0.9494

0.0000, 0.0000,
0.0000

67.2031, 61.7442,
78.1879

67.2031, 61.7442,
78.1879

61.3986, 51.6769,
71.4984

73.8877, 73.5020,
85.3820

56.4292, 43.2133,
65.2935

81.4844, 87.0159,
93.0916

52.2535, 36.2710,
59.5577

86.8212, 95.9406,
100.2627

48.8247, 30.7570,
54.2726

87.9585, 96.3955,
106.2512

■ 46.0906, 26.5680,
49.4180

■ 88.4024, 96.5730,
108.5889

■ 43.9923, 23.5868,
44.9714

■ 42.4603, 21.6755,
40.9068

■ 41.4002, 20.6466,
37.1898

■ 41.1985, 20.4755,
36.4060

Harmonies

Analogous

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



64.0704, 61.7442, 90.0858



67.2031, 61.7442, 78.1879



68.0030, 61.7442, 64.6308

Triad

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



67.2031, 61.7442, 78.1879



57.7717, 61.7442, 44.9059



51.7615, 61.7442, 83.3393

Complementary

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



67.2031, 61.7442, 78.1879



63.5085, 75.9668, 70.3507

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.



50.2615, 61.7442, 69.8958



67.2031, 61.7442, 78.1879



53.6121, 61.7442, 48.6076

Square

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



67.2031, 61.7442, 78.1879



62.3972, 61.7442, 46.5177



50.9208, 61.7442, 57.3450



55.1249, 61.7442, 93.3232

Rectangle

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



67.2031, 61.7442, 78.1879



67.0707, 61.7442, 56.6792



50.9208, 61.7442, 57.3450



51.0309, 61.7442, 79.0127

Sweetspot

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



67.2049, 61.7469, 78.1892



90.4876, 91.8816, 104.2765



60.0552, 57.8508, 87.3587



19.2356, 19.4314, 22.1831



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.



67.2049, 61.7469, 78.1892



77.7266, 69.4414, 90.5224



64.5941, 60.7026, 64.4410



15.5048, 15.2298, 17.9434



22.7698, 11.3106, 20.3870



1.8308, 0.9053, 1.8263

Inverse Universe

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



67.2049, 61.7469, 78.1892



77.7266, 69.4414, 90.5224



66.1937, 77.0409, 84.4910



15.5048, 15.2298, 17.9434



22.7698, 11.3106, 20.3870



1.8308, 0.9053, 1.8263

Previews

White Background



This preview shows how the XYZ color 67.2031, 61.7442, 78.1879 looks on a white background.

Color Contrast Check

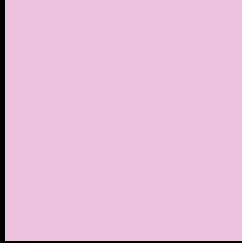
Large Text (above 18pt) WCAG AA × Fail

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 67.2031, 61.7442, 78.1879 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 67.2031, 61.7442, 78.1879

Background



This preview shows how black text looks on a background with the XYZ color 67.2031, 61.7442, 78.1879.



This preview shows how white text looks on a background with the XYZ color 67.2031, 61.7442,

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

67.2031, 61.7442, 78.1879

Protanopia

60.7429, 62.0723, 83.6426

Deuteranopia

63.0525, 61.6425, 77.6822



Tritanopia

65.4295, 61.6754, 70.0841

Trichromacy



Original Color

67.2031, 61.7442, 78.1879

Protanomaly

62.7761, 61.7664, 81.2865

Deuteranomaly

64.4302, 61.6696, 77.6148

Tritanomaly

66.0418, 61.5987, 72.6989

Monochromacy



Original Color

67.2031, 61.7442, 78.1879

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.0720, 63.1521, 73.1553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2031, 61.7442, 78.1879 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, 194, 223) looks like.

```
.text, #text, p{  
    color:rgb(236, 194, 223)  
}
```

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, 194, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 194, 223) }
```

Border

The CSS property to change the border of an element to XYZ 67.2031, 61.7442, 78.1879 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, 194, 223) }
```


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

```
.border{ border-color:rgb(236, 194, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 194, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 194, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 194, 223); box-shadow:4px 4px 4px 4px rgb(236, 194, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2031, 61.7442, 78.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 194, 223) }
```

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

```
.background{ background-color: rgb(236,  
194, 223) }
```

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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