

Converting Colors

XYZ(74.2076, 67.5066, 86.3083)

Have a look what the booklet for
XYZ(74.2076, 67.5066, 86.3083)
contains.

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Color

**XYZ(74.3060, 67.6129,
86.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C9E9
RGB	248, 201, 233
RGB Percent	97%, 79%, 91%
CMY	0.0274, 0.2117, 0.0863
CMYK	0.00, 0.19, 0.06, 0.03
HSL	319°, 77%, 88%
HSV	319°, 19%, 97%
XYZ	74.3060, 67.6129, 86.2250
YIQ	218.7010, 17.7400, 19.9160

Conversions

Conversions Part 2

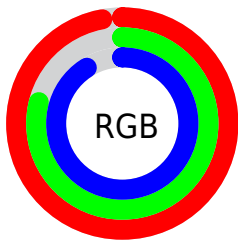
Format	Color
R _Y B	248, 201, 233
Decimal	16304617
CIE Lab	85.81, 21.76, -9.50
CIE LCh	86, 23.743, 336.424
Yxy	67.6129, 0.3257, 0.2964
Android (android.graphics.Color)	4294494697 (0xFFF8C9E9)
YUV	218.7010, 7.0494, 25.6952
Hunter-Lab	82.2271, 17.4075, -4.6138

Details

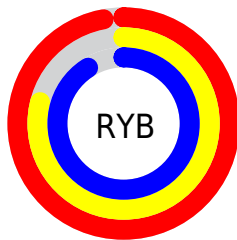
The XYZ color **74.3060, 67.6129, 86.2250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0521, 84.5121, 77.5899**, and the grayscale version is **67.0706, 70.5635, 76.8436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8554, 35.1181, 46.2728** is the 20% darker color. If you saturate the color by 10%, you get **67.8798, 56.5289, 78.6289**, and if you desaturate by 10%, it is **81.7202, 80.5898, 94.4023**.

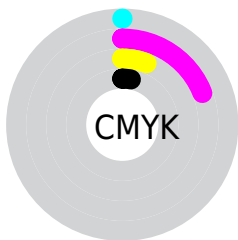
Distribution



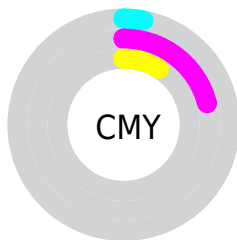
- Red (97%)
- Green (79%)
- Blue (91%)



- Red (97%)
- Yellow (79%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3060, 67.6129, 86.2250 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 74.3060, 67.6129, 86.2250 by changing the saturation by 10% instead.

74.3060, 67.6129,
86.2250

74.3060, 67.6129,
86.2250

464.5628,
452.1233, 535.9228

55.3367, 49.5829,
64.2981

124.3227,
115.7982, 143.9727

39.9063, 35.0821,
46.4444

156.1007,
146.7223, 180.6307

27.6494, 23.7261,
32.2455

192.8791,
182.7131, 223.0360

18.2006, 15.1306,
21.2827

235.0231,
224.1552, 271.6073

11.1947, 8.9111,
13.1375

282.8981,
271.4328, 326.7631

6.2662, 4.6832,
7.3915

336.8695,

3.0498, 2.0626,

324.9305, 388.9219

3.6260

397.3026,
385.0325, 458.5023

■ 1.1802, 0.6435,
1.4225

■ 0.0906, 0.0000,
0.1592

■ 74.3060, 67.6129,
86.2250

■ 74.3060, 67.6129,
86.2250

■ 67.8798, 56.5289,
78.6289

■ 81.7202, 80.5898,
94.4023

■ 62.3903, 47.2392,
71.5913

■ 90.1588, 95.5342,
103.1738

■ 57.7905, 39.6497,
65.0940

■ 92.5219, 98.6967,
108.7817

■ 54.0266, 33.6542,
59.1157

■ 51.0390, 29.1343,
53.6331

■ 48.7596, 25.9552,
48.6200

■ 47.1080, 23.9572,
44.0460

■ 45.9652, 22.9033,
39.8677

■ 45.8587, 22.8154,
39.4463

Harmonies

Analogous

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



70.6584, 67.6129, 100.3669



74.3060, 67.6129, 86.2250



75.1965, 67.6129, 70.3269

Triad

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



74.3060, 67.6129, 86.2250



63.1040, 67.6129, 47.7450



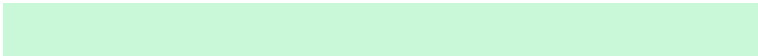
56.2311, 67.6129, 92.8188

Complementary

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



74.3060, 67.6129, 86.2250



70.0521, 84.5121, 77.5899

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.



54.4461, 67.6129, 77.0122



74.3060, 67.6129, 86.2250



58.2675, 67.6129, 52.1032

Square

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



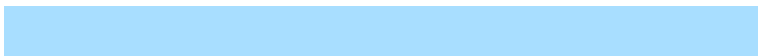
74.3060, 67.6129, 86.2250



68.5269, 67.6129, 49.4935



55.1702, 67.6129, 62.3056



60.1818, 67.6129, 104.5327

Rectangle

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



74.3060, 67.6129, 86.2250



74.0649, 67.6129, 61.1093



55.1702, 67.6129, 62.3056



55.3683, 67.6129, 87.7289

Sweetspot

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



74.3080, 67.6159, 86.2264



89.5854, 90.3131, 103.2488



66.1171, 63.1351, 97.5095



19.0528, 19.1150, 21.9708



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.



74.3080, 67.6159, 86.2264



76.2400, 66.9704, 88.4787



71.1856, 66.3669, 69.7841



17.7435, 17.4248, 20.5050



24.8393, 12.3514, 21.6598



2.3488, 1.1632, 2.2600

Inverse Universe

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



74.3080, 67.6159, 86.2264



76.2400, 66.9704, 88.4787



73.2937, 85.8087, 94.6600



17.7435, 17.4248, 20.5050



24.8393, 12.3514, 21.6598



2.3488, 1.1632, 2.2600

Previews

White Background



This preview shows how the XYZ color 74.3060, 67.6129, 86.2250 looks on a white background.

Color Contrast Check

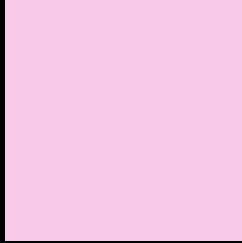
Large Text (above 18pt) WCAG AA × Fail

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 74.3060, 67.6129, 86.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

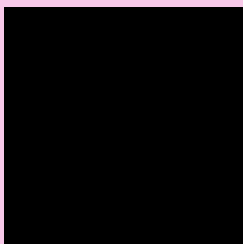
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3060, 67.6129, 86.2250

Background



This preview shows how black text looks on a background with the XYZ color 74.3060, 67.6129, 86.2250.



This preview shows how white text looks on a background with the XYZ color 74.3060, 67.6129,

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

74.3060, 67.6129, 86.2250

Protanopia

66.5354, 67.7883, 92.7967

Deuteranopia

69.3609, 67.9211, 85.7983



Tritanopia

72.1482, 67.4192, 76.2284

Trichromacy



Original Color

74.3060, 67.6129, 86.2250

Protanomaly

68.9736, 67.6213, 90.3058

Deuteranomaly

70.8977, 67.6310, 85.6613

Tritanomaly

72.9328, 67.3970, 79.6860

Monochromacy



Original Color

74.3060, 67.6129, 86.2250

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6312, 69.2918, 80.2257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3060, 67.6129, 86.2250 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(248, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 233)  
}
```

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(248, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.3060, 67.6129, 86.2250 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(248, 201, 233) }
```


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

```
.border{ border-color:rgb(248, 201, 233) }
```

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

Here you see how a box with a 4 pixel rgb(248, 201, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(248, 201,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3060, 67.6129, 86.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 233) }
```

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

```
.background{ background-color: rgb(248,  
201, 233) }
```

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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