

Converting Colors

XYZ(74.2111, 67.2751, 83.3572)

Have a look what the booklet for
XYZ(74.2111, 67.2751, 83.3572)
contains.

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Color

**XYZ(74.2215, 67.2897,
83.2051)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC8E5
RGB	250, 200, 229
RGB Percent	98%, 78%, 90%
CMY	0.0196, 0.2157, 0.1020
CMYK	0.00, 0.20, 0.08, 0.02
HSL	325°, 83%, 88%
HSV	325°, 20%, 98%
XYZ	74.2215, 67.2897, 83.2051
YIQ	218.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

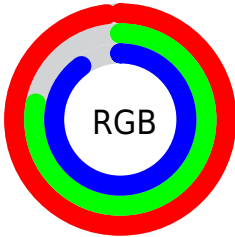
Format	Color
R _Y B	250, 200, 229
Decimal	16435429
CIE Lab	85.65, 22.29, -7.59
CIE LCh	86, 23.544, 341.192
Yxy	67.2897, 0.3303, 0.2994
Android (android.graphics.Color)	4294625509 (0xFFFA C8E5)
YUV	218.2560, 5.2968, 27.8395
Hunter-Lab	82.0303, 17.9548, -2.7179

Details

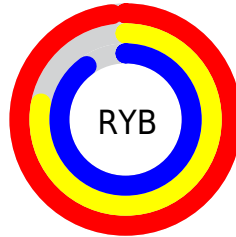
The XYZ color **74.2215, 67.2897, 83.2051** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0589, 85.8729, 81.2405**, and the grayscale version is **66.7735, 70.2509, 76.5033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9112, 34.9512, 44.6871** is the 20% darker color. If you saturate the color by 10%, you get **67.4764, 56.0746, 73.9406**, and if you desaturate by 10%, it is **82.0059, 80.4396, 93.2552**.

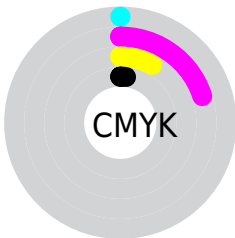
Distribution



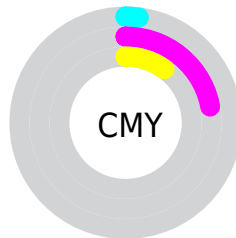
- Red (98%)
- Green (78%)
- Blue (90%)



- Red (98%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2215, 67.2897, 83.2051 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 74.2215, 67.2897, 83.2051 by changing the saturation by 10% instead.


 74.2215, 67.2897,
83.2051

 74.2215, 67.2897,
83.2051


464.2760,
450.9753, 525.6587

 55.2673, 49.3201,
61.8178


124.2036,
115.3354, 139.7145

 39.8504, 34.8735,
44.4506

155.9621,
146.1803, 175.6736

 27.6056, 23.5654,
30.6851


192.7195,
182.0858, 217.3271

 18.1675, 15.0116,
20.1028

234.8410,
223.4362, 265.0935

 11.1708, 8.8275,
12.2849

282.6921,
270.6160, 319.3913

 6.2499, 4.6288,
6.8132

336.6380,


 3.0397, 2.0312,


324.0095, 380.6391


3.2689

397.0442,
384.0011, 449.2554


 1.1748, 0.6255,
1.2335


 0.0863, 0.0000,
0.0063


 74.2215, 67.2897,
83.2051


 74.2215, 67.2897,
83.2051


 67.4764, 56.0746,
73.9406


 82.0059, 80.4396,
93.2552

 61.7171, 46.6927,
65.4339

 90.8681, 95.6015,
104.1088

 56.8944, 39.0469,
57.6614

 93.2348, 99.0642,
108.8150

 52.9518, 33.0273,
50.5964

■ 49.8269, 28.5114,
44.2095

■ 47.4481, 25.3589,
38.4683

■ 45.7306, 23.4029,
33.3356

■ 44.5352, 22.3685,
28.7558

■ 44.5350, 22.3683,
28.7550

Harmonies

Analogous

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



70.9902, 67.2897, 97.8090



74.2215, 67.2897, 83.2051



74.6136, 67.2897, 67.6839

Triad

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



74.2215, 67.2897, 83.2051



61.9764, 67.2897, 47.9502



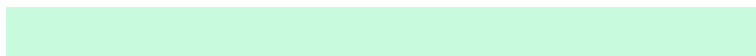
56.5077, 67.2897, 94.4850

Complementary

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



74.2215, 67.2897, 83.2051



71.0589, 85.8729, 81.2405

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.



54.3664, 67.2897, 79.1491



74.2215, 67.2897, 83.2051



57.4041, 67.2897, 53.2176

Square

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



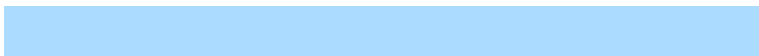
74.2215, 67.2897, 83.2051



67.3388, 67.2897, 48.7195



54.6851, 67.2897, 64.1536



60.6901, 67.2897, 104.9235

Rectangle

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



74.2215, 67.2897, 83.2051



73.1883, 67.2897, 59.0136



54.6851, 67.2897, 64.1536



55.5362, 67.2897, 89.6485

Sweetspot

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



74.2235, 67.2927, 83.2065



89.3442, 90.2166, 101.9787



67.6804, 63.5601, 99.1447



18.9958, 19.0922, 21.6704



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.



74.2235, 67.2927, 83.2065



74.6712, 65.4282, 83.0373



71.0002, 66.0034, 66.2328



17.6667, 17.3941, 20.1008



23.6959, 11.8941, 15.6391



2.2476, 1.1228, 1.7271

Inverse Universe

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



74.2235, 67.2927, 83.2065



74.6712, 65.4282, 83.0373



74.6162, 87.2958, 99.9731



17.6667, 17.3941, 20.1008



23.6959, 11.8941, 15.6391



2.2476, 1.1228, 1.7271

Previews

White Background



This preview shows how the XYZ color 74.2215, 67.2897, 83.2051 looks on a white background.

Color Contrast Check

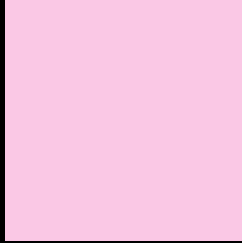
Large Text (above 18pt) WCAG AA × Fail

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 74.2215, 67.2897, 83.2051 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 74.2215, 67.2897, 83.2051

Background



This preview shows how black text looks on a background with the XYZ color 74.2215, 67.2897, 83.2051.



This preview shows how white text looks on a background with the XYZ color 74.2215, 67.2897,

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

74.2215, 67.2897, 83.2051

Protanopia

66.2317, 67.7000, 89.6974

Deuteranopia

68.7341, 67.3158, 82.0436



Tritanopia

72.4868, 67.2595, 75.4916

Trichromacy



Original Color

74.2215, 67.2897, 83.2051

Protanomaly

68.7712, 67.2210, 87.1922

Deuteranomaly

70.7600, 67.2686, 82.6535

Tritanomaly

73.1384, 67.1870, 78.2208

Monochromacy



Original Color

74.2215, 67.2897, 83.2051

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.1122, 68.6855, 78.7223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2215, 67.2897, 83.2051 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(250, 200, 229)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 229)  
}
```

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(250, 200, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.2215, 67.2897, 83.2051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

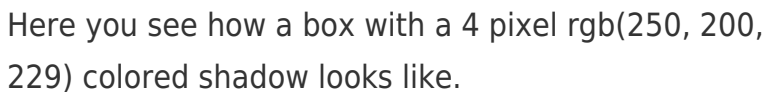
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 200, 229) }
```


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

```
.border{ border-color:rgb(250, 200, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 200, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 229);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2215, 67.2897, 83.2051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 229) }
```

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

```
.background{ background-color: rgb(250,  
200, 229) }
```

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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