

Converting Colors

XYZ(74.5417, 69.6439, 83.5515)

Have a look what the booklet for
XYZ(74.5417, 69.6439, 83.5515)
contains.

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Color

**XYZ(74.5719, 69.5739,
83.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CEE5
RGB	247, 206, 229
RGB Percent	97%, 81%, 90%
CMY	0.0314, 0.1921, 0.1020
CMYK	0.00, 0.17, 0.07, 0.03
HSL	326°, 72%, 89%
HSV	326°, 17%, 97%
XYZ	74.5719, 69.5739, 83.6275
YIQ	220.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

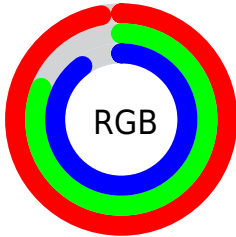
Format	Color
R _Y B	247, 206, 229
Decimal	16240357
CIE Lab	86.79, 18.11, -5.94
CIE LCh	87, 19.057, 341.843
Yxy	69.5739, 0.3274, 0.3055
Android (android.graphics.Color)	4294430437 (0xFFFF7CEE5)
YUV	220.8810, 4.0027, 22.9064
Hunter-Lab	83.4110, 13.6151, -1.0562

Details

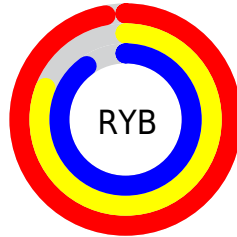
The XYZ color **74.5719, 69.5739, 83.6275** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1716, 85.0270, 83.1329**, and the grayscale version is **68.6099, 72.1829, 78.6072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1034, 36.4596, 44.9681** is the 20% darker color. If you saturate the color by 10%, you get **67.6196, 58.0167, 74.0714**, and if you desaturate by 10%, it is **82.5572, 83.0438, 93.9963**.

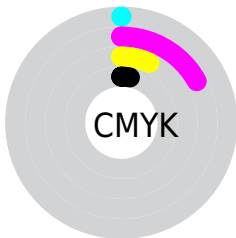
Distribution



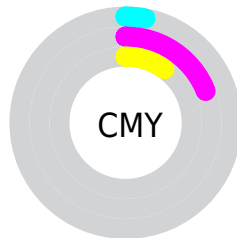
- Red (97%)
- Green (81%)
- Blue (90%)



- Red (97%)
- Yellow (81%)
- Blue (90%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5719, 69.5739, 83.6275 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 74.5719, 69.5739, 83.6275 by changing the saturation by 10% instead.


 74.5719, 69.5739,
83.6275

 74.5719, 69.5739,
83.6275

465.4647,
459.0525, 527.1011

 55.5552, 51.1792,
62.1643


124.6973,
118.6009, 140.3111

 40.0820, 36.3513,
44.7288


156.5368,
150.0020, 176.3685

 27.7870, 24.7056,
30.9025


193.3811,
186.5074, 218.1279

 18.3048, 15.8579,
20.2668

235.5958,
228.5015, 266.0076

 11.2700, 9.4236,
12.4031

283.5462,
276.3687, 320.4262

 6.3174, 5.0185,
6.8930

337.5975,

 3.0815, 2.2581,

330.4933, 381.8023

3.3178

398.1153,
391.2598, 450.5544

■ 1.1970, 0.7514,
1.2591

■ 0.1040, 0.0000,
0.0279

■ 74.5719, 69.5739,
83.6275

■ 74.5719, 69.5739,
83.6275

■ 67.6196, 58.0167,
74.0714

■ 82.5572, 83.0438,
93.9963

■ 61.6491, 48.2753,
65.3000

■ 91.4821, 98.2399,
105.1525

■ 56.6136, 40.2580,
57.2900

■ 92.1682, 98.5144,
108.7651

■ 52.4600, 33.8617,
50.0146

■ 49.1296, 28.9718,
43.4450

■ 46.5560, 25.4587,
37.5497

■ 44.6618, 23.1707,
32.2928

■ 43.3500, 21.9171,
27.6319

■ 42.9856, 21.6253,
26.1629

Harmonies

Analogous

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



71.9851, 69.5739, 95.4571



74.5719, 69.5739, 83.6275



74.8357, 69.5739, 70.8486

Triad

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



74.5719, 69.5739, 83.6275



64.3921, 69.5739, 54.2654



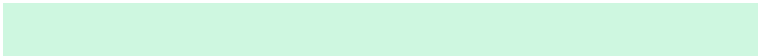
59.9726, 69.5739, 93.2538

Complementary

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



74.5719, 69.5739, 83.6275



72.1716, 85.0270, 83.1329

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.



58.1232, 69.5739, 80.8811



74.5719, 69.5739, 83.6275



60.5974, 69.5739, 58.9681

Square

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



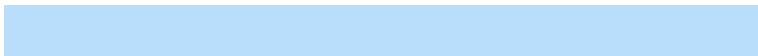
74.5719, 69.5739, 83.6275



68.8228, 69.5739, 54.8250



58.3467, 69.5739, 68.3912



63.5043, 69.5739, 101.4286

Rectangle

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



74.5719, 69.5739, 83.6275



73.6447, 69.5739, 63.5785



58.3467, 69.5739, 68.3912



59.1408, 69.5739, 89.3927

Sweetspot

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



74.5739, 69.5770, 83.6290



90.2282, 91.7778, 102.9109



69.5307, 66.6715, 97.2008



19.1725, 19.4062, 21.8509



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.



74.5739, 69.5770, 83.6290



77.4848, 70.3065, 86.2838



71.9072, 68.5103, 69.5861



16.8884, 16.6382, 19.1590



22.8061, 11.4659, 14.2193



2.0561, 1.0284, 1.5215

Inverse Universe

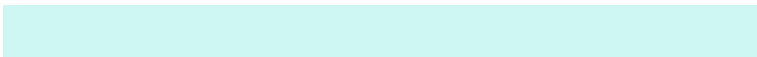
The Inverse Universe completely reimagines the original color for something new.



74.5739, 69.5770, 83.6290



77.4848, 70.3065, 86.2838



75.0862, 86.1928, 98.4809



16.8884, 16.6382, 19.1590



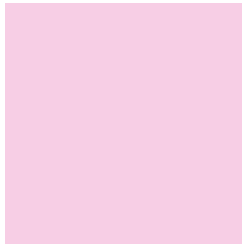
22.8061, 11.4659, 14.2193



2.0561, 1.0284, 1.5215

Previews

White Background



This preview shows how the XYZ color 74.5719, 69.5739, 83.6275 looks on a white background.

Color Contrast Check

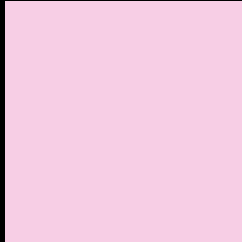
Large Text (above 18pt) WCAG AA × Fail

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 74.5719, 69.5739, 83.6275 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 74.5719, 69.5739, 83.6275

Background



This preview shows how black text looks on a background with the XYZ color 74.5719, 69.5739, 83.6275.



This preview shows how white text looks on a background with the XYZ color 74.5719, 69.5739,

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

74.5719, 69.5739, 83.6275

Protanopia

67.8702, 69.7088, 88.4753

Deuteranopia

71.2295, 69.6824, 83.0946



Tritanopia

73.6381, 69.5462, 79.3546

Trichromacy



Original Color

74.5719, 69.5739, 83.6275

Protanomaly

69.9300, 69.3011, 86.7815

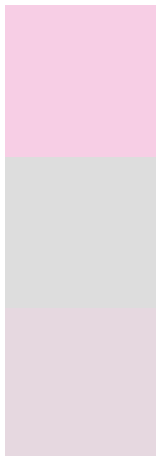
Deuteranomaly

72.4007, 69.5531, 83.0080

Tritanomaly

73.9095, 69.6547, 80.7834

Monochromacy



Original Color

74.5719, 69.5739, 83.6275

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6435, 71.3165, 80.5632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5719, 69.5739, 83.6275 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(247, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 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(247, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5719, 69.5739, 83.6275 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(247, 206, 229) }
```


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

```
.border{ border-color:rgb(247, 206, 229) }
```

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

Here you see how a box with a 4 pixel rgb(247, 206, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5719, 69.5739, 83.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 229) }
```

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

```
.background{ background-color: rgb(247,  
206, 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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