

Converting Colors

XYZ(74.1764, 69.0990, 83.1811)

Have a look what the booklet for
XYZ(74.1764, 69.0990, 83.1811)
contains.

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Color

**XYZ(74.1927, 69.0382,
82.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CDE4
RGB	247, 205, 228
RGB Percent	97%, 80%, 89%
CMY	0.0314, 0.1961, 0.1059
CMYK	0.00, 0.17, 0.08, 0.03
HSL	327°, 72%, 89%
HSV	327°, 17%, 97%
XYZ	74.1927, 69.0382, 82.8141
YIQ	220.1800, 17.6490, 16.0570

Conversions

Conversions Part 2

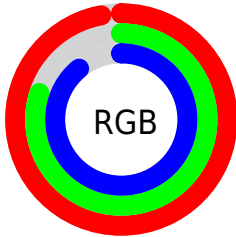
Format	Color
R _Y B	247, 205, 228
Decimal	16240100
CIE Lab	86.52, 18.46, -5.80
CIE LCh	87, 19.354, 342.566
Yxy	69.0382, 0.3282, 0.3054
Android (android.graphics.Color)	4294430180 (0xFFFF7CDE4)
YUV	220.1800, 3.8553, 23.5211
Hunter-Lab	83.0892, 13.9815, -0.9312

Details

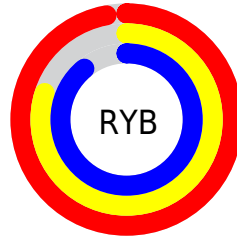
The XYZ color **74.1927, 69.0382, 82.8141** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8949, 84.8844, 83.1201**, and the grayscale version is **68.1201, 71.6677, 78.0461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8446, 36.0975, 44.4026** is the 20% darker color. If you saturate the color by 10%, you get **67.2430, 57.5411, 73.0897**, and if you desaturate by 10%, it is **82.1793, 82.4468, 93.3805**.

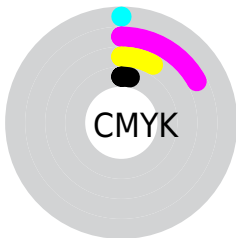
Distribution



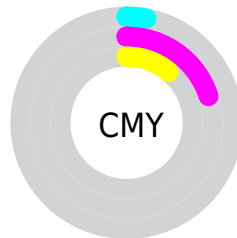
- Red (97%)
- Green (80%)
- Blue (89%)



- Red (97%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1927, 69.0382, 82.8141 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 74.1927, 69.0382, 82.8141 by changing the saturation by 10% instead.


 74.1927, 69.0382,
82.8141

 74.1927, 69.0382,
82.8141


464.1782,
457.1657, 524.3215

 55.2436, 50.7428,
61.4971


124.1630,
117.8361, 139.1620

 39.8314, 36.0040,
44.1933


155.9149,
149.1075, 175.0299

 27.5907, 24.4373,
30.4842


192.6651,
185.4729, 216.5852

 18.1563, 15.6583,
19.9512

234.7789,
227.3169, 264.2465

 11.1626, 9.2827,
12.1759

282.6218,
275.0238, 318.4322

 6.2444, 4.9260,
6.7396

336.5591,

 3.0363, 2.2039,

328.9779, 379.5609

3.2238

396.9561,
389.5638, 448.0512

■ 1.1730, 0.7221,
1.2100

■ 0.0849, 0.0000,
0.0000

■ 74.1927, 69.0382,
82.8141

■ 74.1927, 69.0382,
82.8141

■ 67.2430, 57.5411,
73.0897

■ 82.1793, 82.4468,
93.3805

■ 61.2788, 47.8584,
64.1785

■ 91.2395, 97.8401,
104.8078

■ 56.2530, 39.8980,
56.0561

■ 92.1682, 98.5144,
108.7651

■ 52.1121, 33.5563,
48.6947

■ 48.7969, 28.7180,
42.0646

■ 46.2405, 25.2529,
36.1328

■ 44.3646, 23.0079,
30.8624

■ 43.0697, 21.7876,
26.2090

■ 42.7491, 21.5308,
24.9172

Harmonies

Analogous

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



71.6251, 69.0382, 94.8621



74.1927, 69.0382, 82.8141



74.3986, 69.0382, 69.9260

Triad

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



74.1927, 69.0382, 82.8141



63.7609, 69.0382, 53.5546



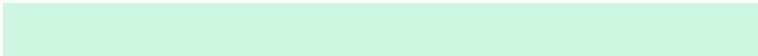
59.4716, 69.0382, 93.1406

Complementary

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



74.1927, 69.0382, 82.8141



71.8949, 84.8844, 83.1201

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.



57.5583, 69.0382, 80.6717



74.1927, 69.0382, 82.8141



59.9579, 69.0382, 58.4126

Square

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



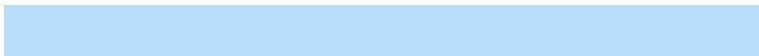
74.1927, 69.0382, 82.8141



68.2359, 69.0382, 53.9888



57.7322, 69.0382, 68.0130



63.0694, 69.0382, 101.2745

Rectangle

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



74.1927, 69.0382, 82.8141



73.1563, 69.0382, 62.6482



57.7322, 69.0382, 68.0130



58.6176, 69.0382, 89.2601

Sweetspot

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



74.1947, 69.0413, 82.8156



90.2016, 91.7672, 102.7707



69.3320, 66.2127, 97.1229



19.1661, 19.4036, 21.8168



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.



74.1947, 69.0413, 82.8156



77.3879, 70.2677, 85.7732



71.4663, 67.9499, 68.4480



16.8788, 16.6344, 19.1083



22.6810, 11.4158, 13.5604



2.0452, 1.0241, 1.4646

Inverse Universe

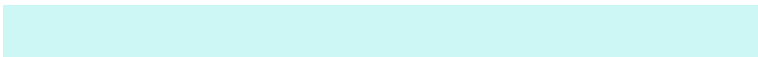
The Inverse Universe completely reimagines the original color for something new.



74.1947, 69.0413, 82.8156



77.3879, 70.2677, 85.7732



74.9060, 86.0888, 98.9763



16.8788, 16.6344, 19.1083



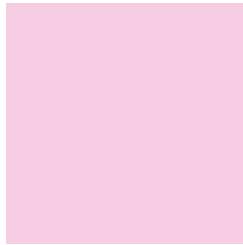
22.6810, 11.4158, 13.5604



2.0452, 1.0241, 1.4646

Previews

White Background



This preview shows how the XYZ color 74.1927, 69.0382, 82.8141 looks on a white background.

Color Contrast Check

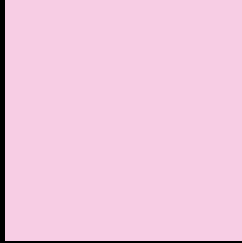
Large Text (above 18pt) WCAG AA × Fail

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 74.1927, 69.0382, 82.8141 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 74.1927, 69.0382, 82.8141

Background



This preview shows how black text looks on a background with the XYZ color 74.1927, 69.0382, 82.8141.



This preview shows how white text looks on a background with the XYZ color 74.1927, 69.0382,

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

74.1927, 69.0382, 82.8141

Protanopia

67.4706, 69.1403, 87.6312

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

73.2622, 69.0094, 78.5660

Trichromacy



Original Color

74.1927, 69.0382, 82.8141

Protanomaly

69.5383, 68.7456, 85.9481

Deuteranomaly

71.6809, 68.8349, 82.1815

Tritanomaly

73.5319, 69.1173, 79.9864

Monochromacy



Original Color

74.1927, 69.0382, 82.8141

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.2528, 70.7516, 79.7657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1927, 69.0382, 82.8141 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, 205, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 228)  
}
```

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, 205, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.1927, 69.0382, 82.8141 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, 205, 228) }
```


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

```
.border{ border-color:rgb(247, 205, 228) }
```

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

Here you see how a box with a 4 pixel rgb(247, 205, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 205, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 205, 228);  
box-shadow:4px 4px 4px 4px rgb(247, 205,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1927, 69.0382, 82.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 228) }
```

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

```
.background{ background-color: rgb(247,  
205, 228) }
```

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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