

Converting Colors

XYZ(72.5884, 68.9458, 74.7295)

Have a look what the booklet for
XYZ(72.5884, 68.9458, 74.7295)
contains.

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Color

**XYZ(72.7135, 69.1763,
74.4857)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CFD8
RGB	246, 207, 216
RGB Percent	96%, 81%, 85%
CMY	0.0353, 0.1882, 0.1529
CMYK	0.00, 0.16, 0.12, 0.04
HSL	346°, 68%, 89%
HSV	346°, 16%, 96%
XYZ	72.7135, 69.1763, 74.4857
YIQ	219.6870, 20.3550, 11.0670

Conversions

Conversions Part 2

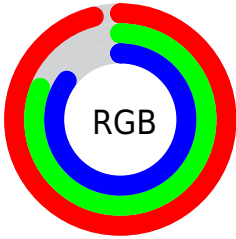
Format	Color
RYB	246, 207, 216
Decimal	16175064
CIELab	86.59, 15.09, 0.66
CIELCh	87, 15.105, 2.491
Yxy	69.1763, 0.3361, 0.3197
Android (android.graphics.Color)	4294365144 (0xFFFF6CFD8)
YUV	219.6870, -1.8177, 23.0765
Hunter-Lab	83.1723, 10.5024, 5.1229

Details

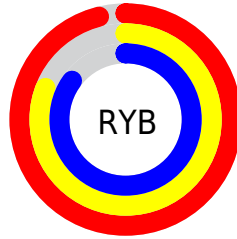
The XYZ color **72.7135, 69.1763, 74.4857** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9766, 85.2931, 92.6890**, and the grayscale version is **67.8133, 71.3449, 77.6945**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8105, 36.1745, 38.6551** is the 20% darker color. If you saturate the color by 10%, you get **64.9043, 57.2500, 60.4987**, and if you desaturate by 10%, it is **81.7369, 83.0785, 90.2694**.

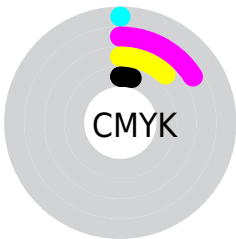
Distribution



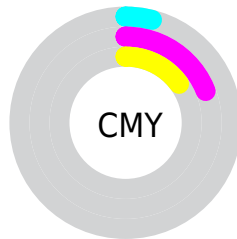
- Red (96%)
- Green (81%)
- Blue (85%)



- Red (96%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7135, 69.1763, 74.4857 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 72.7135, 69.1763, 74.4857 by changing the saturation by 10% instead.


 72.7135, 69.1763,
74.4857

 72.7135, 69.1763,
74.4857


459.1404,
457.6525, 495.3562

 54.0293, 50.8553,
54.6925


122.0757,
118.0333, 127.3245

 38.8558, 36.0935,
38.7586

153.4844,
149.3382, 161.2071

 26.8278, 24.5064,
26.2656


189.8653,
185.7398, 200.6233

 17.5799, 15.7097,
16.7949

231.5838,
227.6225, 245.9915

 10.7466, 9.3190,
9.9280

279.0052,
275.3707, 297.7304

 5.9628, 4.9498,
5.2462

332.4949,

 2.8629, 2.2178,

329.3689, 356.2584

2.3312

392.4182,
390.0013, 421.9942

■ 1.0817, 0.7297,
0.7486

■ 0.0097, 0.0000,
0.0000

■ 72.7135, 69.1763,
74.4857

■ 72.7135, 69.1763,
74.4857

■ 64.9043, 57.2500,
60.4987

■ 81.7369, 83.0785,
90.2694

■ 58.2512, 47.2009,
48.2396

■ 91.6320, 98.2593,
107.7780

■ 52.6997, 38.9354,
37.6415

■ 91.8164, 98.3330,
108.7487

■ 48.1888, 32.3486,
28.6314

■ 44.6514, 27.3242,
21.1308

■ 42.0119, 23.7310,
15.0541

■ 40.1834, 21.4163,
10.3062

■ 39.0597, 20.1916,
6.7792

■ 38.7386, 19.8859,
5.6348

Harmonies

Analogous

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



71.9087, 69.1763, 84.5899



72.7135, 69.1763, 74.4857



71.5983, 69.1763, 65.4243

Triad

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



72.7135, 69.1763, 74.4857



62.1968, 69.1763, 60.1898



62.6868, 69.1763, 93.7644

Complementary

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



72.7135, 69.1763, 74.4857



73.9766, 85.2931, 92.6890

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.



60.2292, 69.1763, 86.1690



72.7135, 69.1763, 74.4857



59.9534, 69.1763, 66.7556

Square

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



72.7135, 69.1763, 74.4857



65.4576, 69.1763, 57.6415



59.2459, 69.1763, 76.1630



66.0433, 69.1763, 96.2902

Rectangle

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



72.7135, 69.1763, 74.4857



69.9383, 69.1763, 61.0281



59.2459, 69.1763, 76.1630



61.7323, 69.1763, 91.6881

Sweetspot

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



72.7154, 69.1794, 74.4872



89.5772, 91.5174, 99.4828



73.8413, 69.2700, 96.6681



19.0145, 19.3430, 21.0189



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

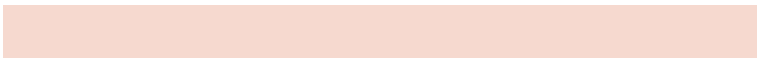
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7154, 69.1794, 74.4872



76.0631, 70.7156, 75.7829



74.1868, 73.9328, 69.3956



16.6557, 16.5451, 17.9336



20.7212, 10.6319, 3.2400



1.8591, 0.9496, 0.4842

Inverse Universe

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



72.7154, 69.1794, 74.4872



76.0631, 70.7156, 75.7829



72.2495, 79.6822, 98.7618



16.6557, 16.5451, 17.9336



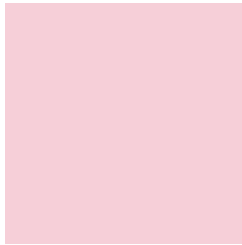
20.7212, 10.6319, 3.2400



1.8591, 0.9496, 0.4842

Previews

White Background



This preview shows how the XYZ color 72.7135, 69.1763, 74.4857 looks on a white background.

Color Contrast Check

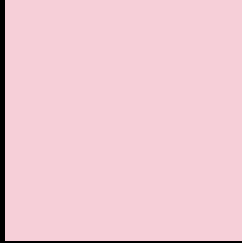
Large Text (above 18pt) WCAG AA × Fail

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 72.7135, 69.1763, 74.4857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

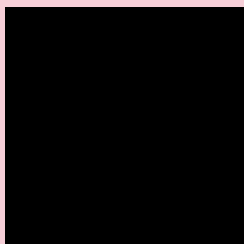
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7135, 69.1763, 74.4857

Background



This preview shows how black text looks on a background with the XYZ color 72.7135, 69.1763, 74.4857.

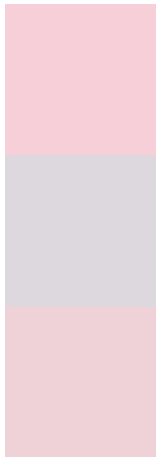


This preview shows how white text looks on a background with the XYZ color 72.7135, 69.1763,

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

72.7135, 69.1763, 74.4857

Protanopia

67.1222, 69.5478, 78.2930

Deuteranopia

70.5722, 69.1766, 73.9228



Tritanopia

73.6139, 69.1907, 78.5825

Trichromacy



Original Color

72.7135, 69.1763, 74.4857

Protanomaly

68.8935, 69.3610, 76.7748

Deuteranomaly

71.3418, 69.2080, 73.8883

Tritanomaly

73.3473, 69.0841, 77.1789

Monochromacy



Original Color

72.7135, 69.1763, 74.4857

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3997, 70.3734, 76.9435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7135, 69.1763, 74.4857 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(246, 207, 216) looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 216)  
}
```

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(246, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.7135, 69.1763, 74.4857 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(246, 207, 216) }
```


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

```
.border{ border-color:rgb(246, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7135, 69.1763, 74.4857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 216) }
```

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

```
.background{ background-color: rgb(246,  
207, 216) }
```

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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