

Converting Colors

XYZ(72.5218, 70.0064, 68.7142)

Have a look what the booklet for
XYZ(72.5218, 70.0064, 68.7142)
contains.

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Color

**XYZ(72.4207, 69.8801,
68.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D1CF
RGB	247, 209, 207
RGB Percent	97%, 82%, 81%
CMY	0.0314, 0.1804, 0.1882
CMYK	0.00, 0.15, 0.16, 0.03
HSL	3°, 71%, 89%
HSV	3°, 16%, 97%
XYZ	72.4207, 69.8801, 68.7027
YIQ	220.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

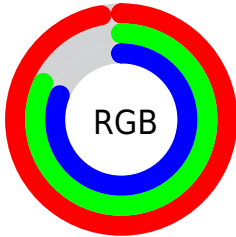
Format	Color
R _Y B	247, 209, 207
Decimal	16241103
CIE Lab	86.94, 12.98, 5.94
CIE LCh	87, 14.275, 24.582
Yxy	69.8801, 0.3432, 0.3312
Android (android.graphics.Color)	4294431183 (0xFFFF7D1CF)
YUV	220.1340, -6.4751, 23.5615
Hunter-Lab	83.5943, 8.3508, 9.7880

Details

The XYZ color **72.4207, 69.8801, 68.7027** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1724, 85.2835, 100.4956**, and the grayscale version is **68.1551, 71.7044, 78.0861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7063, 36.6897, 35.1788** is the 20% darker color. If you saturate the color by 10%, you get **64.2957, 58.0901, 52.2432**, and if you desaturate by 10%, it is **81.8697, 83.5607, 87.9357**.

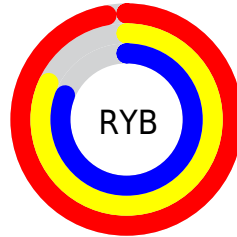
Distribution



Red (97%)

Green (82%)

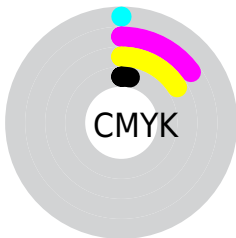
Blue (81%)



Red (97%)

Yellow (82%)

Blue (81%)

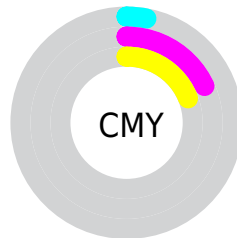


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (18%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4207, 69.8801, 68.7027 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 72.4207, 69.8801, 68.7027 by changing the saturation by 10% instead.


 72.4207, 69.8801,
68.7027

 72.4207, 69.8801,
68.7027


458.1395,
460.1289, 474.6472

 53.7891, 51.4288,
49.9994


121.6620,
119.0378, 119.0205

 38.6631, 36.5500,
35.0417

153.0025,
150.5129, 151.4721

 26.6773, 24.8592,
23.4112


189.3099,
187.0981, 189.3436

 17.4663, 15.9722,
14.6893

230.9497,
229.1778, 233.0534

 10.6649, 9.5045,
8.4574

278.2872,
277.1363, 283.0201

 5.9076, 5.0717,
4.2971

331.6878,

 2.8291, 2.2894,

331.3580, 339.6623

1.7897

391.5168,
392.2275, 403.3985

■ 1.0640, 0.7681,
0.4211

■ 0.0000, 0.0000,
0.0000

■ 72.4207, 69.8801,
68.7027

■ 72.4207, 69.8801,
68.7027

■ 64.2957, 58.0901,
52.2432

■ 81.8697, 83.5607,
87.9357

■ 57.4300, 48.0986,
38.4252

■ 92.1680, 98.5143,
108.7651

■ 51.7624, 39.8202,
27.1124

■ 47.2242, 33.1586,
18.1548

■ 43.7395, 28.0081,
11.3862

■ 41.2235, 24.2504,
6.6188

■ 39.5779, 21.7497,
3.6331

■ 38.6834, 20.3426,
2.1576

■ 38.4941, 20.0465,
1.8405

Harmonies

Analogous

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



73.0075, 69.8801, 77.8341



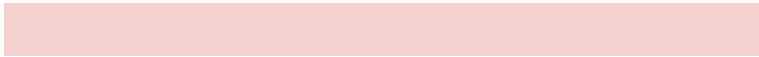
72.4207, 69.8801, 68.7027



70.2038, 69.8801, 62.0848

Triad

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



72.4207, 69.8801, 68.7027



61.3304, 69.8801, 65.9359



65.8155, 69.8801, 95.8675

Complementary

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



72.4207, 69.8801, 68.7027



75.1724, 85.2835, 100.4956

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.



62.7726, 69.8801, 92.0517



72.4207, 69.8801, 68.7027



60.2392, 69.8801, 74.3673

Square

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



72.4207, 69.8801, 68.7027



63.7877, 69.8801, 60.5835



60.7583, 69.8801, 83.9835



69.1216, 69.8801, 94.0338

Rectangle

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



72.4207, 69.8801, 68.7027



68.1378, 69.8801, 59.7257



60.7583, 69.8801, 83.9835



64.7292, 69.8801, 95.1940

Sweetspot

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



72.4226, 69.8832, 68.7042



89.3220, 91.7206, 97.1975



77.1527, 70.9933, 96.0235



18.9527, 19.3921, 20.4657



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.



72.4226, 69.8832, 68.7042



75.2426, 71.3332, 68.5464



77.6403, 80.3185, 70.4434



16.5657, 16.6156, 17.1316



20.3874, 10.6604, 0.9831



1.8149, 0.9830, 0.0941

Inverse Universe

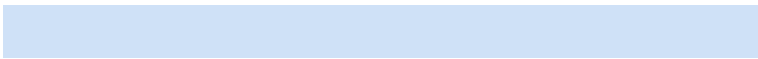
The Inverse Universe completely reimagines the original color for something new.



75.1724, 85.2835, 100.4956



78.6469, 90.4012, 107.9118



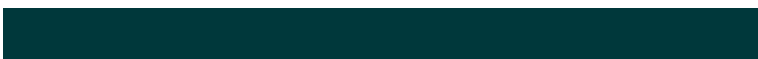
69.4467, 73.8321, 98.5870



16.9214, 18.6071, 21.2422



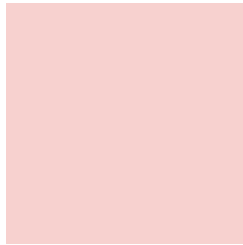
24.5657, 34.9252, 51.9845



2.1806, 3.1125, 4.5761

Previews

White Background



This preview shows how the XYZ color 72.4207, 69.8801, 68.7027 looks on a white background.

Color Contrast Check

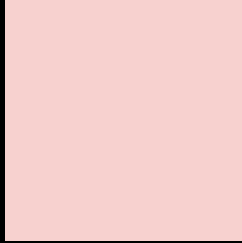
Large Text (above 18pt) WCAG AA × Fail

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 72.4207, 69.8801, 68.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

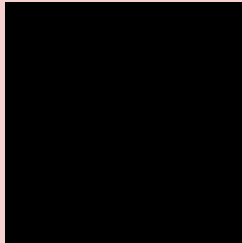
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4207, 69.8801, 68.7027

Background



This preview shows how black text looks on a background with the XYZ color 72.4207, 69.8801, 68.7027.

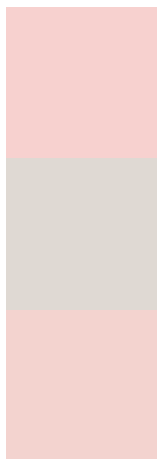


This preview shows how white text looks on a background with the XYZ color 72.4207, 69.8801,

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

72.4207, 69.8801, 68.7027

Protanopia

67.0022, 70.0168, 71.6112

Deuteranopia

71.5189, 70.1482, 68.8020



Tritanopia

74.6990, 70.0931, 79.4043

Trichromacy



Original Color

72.4207, 69.8801, 68.7027

Protanomaly

68.9581, 69.9021, 70.8307

Deuteranomaly

71.6173, 69.8313, 68.7356

Tritanomaly

73.7917, 70.0780, 75.2828

Monochromacy



Original Color

72.4207, 69.8801, 68.7027

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.4547, 70.8410, 74.3030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4207, 69.8801, 68.7027 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, 209, 207) looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 207)  
}
```

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, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 207) }
```

Border

The CSS property to change the border of an element to XYZ 72.4207, 69.8801, 68.7027 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, 209, 207) }
```


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

```
.border{ border-color:rgb(247, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(247, 209,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4207, 69.8801, 68.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 207) }
```

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

```
.background{ background-color: rgb(247,  
209, 207) }
```

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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