

Converting Colors

XYZ(72.4085, 69.9920, 76.7388)

Have a look what the booklet for
XYZ(72.4085, 69.9920, 76.7388)
contains.

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Color

**XYZ(72.4507, 70.0849,
76.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D2DB
RGB	242, 210, 219
RGB Percent	95%, 82%, 86%
CMY	0.0510, 0.1764, 0.1412
CMYK	0.00, 0.13, 0.10, 0.05
HSL	343°, 55%, 89%
HSV	343°, 13%, 95%
XYZ	72.4507, 70.0849, 76.7270
YIQ	220.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

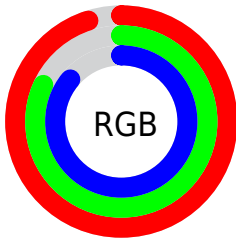
Format	Color
R _Y B	242, 210, 219
Decimal	15913691
CIE Lab	87.04, 12.61, -0.32
CIE LCh	87, 12.615, 358.535
Yxy	70.0849, 0.3304, 0.3196
Android (android.graphics.Color)	4294103771 (0xFF2D2DB)
YUV	220.5940, -0.7858, 18.7731
Hunter-Lab	83.7167, 7.9744, 4.2620

Details

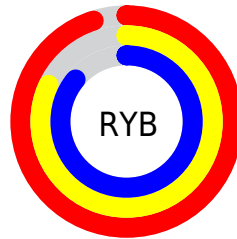
The XYZ color **72.4507, 70.0849, 76.7270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0412, 83.0908, 89.2832**, and the grayscale version is **68.4417, 72.0060, 78.4145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6719, 36.5621, 40.1409** is the 20% darker color. If you saturate the color by 10%, you get **64.7503, 58.1590, 63.4455**, and if you desaturate by 10%, it is **81.2979, 83.9196, 91.5733**.

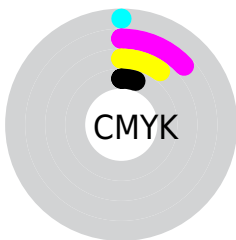
Distribution



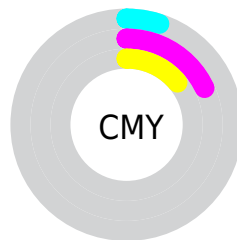
- Red (95%)
- Green (82%)
- Blue (86%)



- Red (95%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4507, 70.0849, 76.7270 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 72.4507, 70.0849, 76.7270 by changing the saturation by 10% instead.


 72.4507, 70.0849,
76.7270

 72.4507, 70.0849,
76.7270


458.2421,
460.8480, 503.2456

 53.8137, 51.5958,
56.5186


121.7044,
119.3298, 130.5235

 38.6828, 36.6830,
40.2121

153.0519,
150.8544, 164.9488

 26.6927, 24.9621,
27.3889


189.3669,
187.4929, 204.9500

 17.4779, 16.0488,
17.6305

231.0147,
229.6297, 250.9458

 10.6732, 9.5587,
10.5183

278.3608,
277.6492, 303.3548

 5.9132, 5.1074,
5.6339

331.7705,

 2.8325, 2.3104,

331.9359, 362.5954

2.5586

391.6092,
392.8740, 429.0861

■ 1.0658, 0.7792,
0.8710

■ 0.0000, 0.0000,
0.0000

■ 72.4507, 70.0849,
76.7270

■ 72.4507, 70.0849,
76.7270

■ 64.7503, 58.1590,
63.4455

■ 81.2979, 83.9196,
91.5733

■ 58.1429, 48.0488,
51.6724

■ 90.2346, 97.5400,
107.6639

■ 52.5795, 39.6674,
41.3541

■ 90.4283, 97.6174,
108.6837

■ 48.0045, 32.9168,
32.4321

■ 44.3574, 27.6896,
24.8441

■ 41.5704, 23.8649,
18.5221

■ 39.5660, 21.3035,
13.3919

■ 38.2514, 19.8368,
9.3699

■ 37.6629, 19.2953,
7.2146

Harmonies

Analogous

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



71.5735, 70.0849, 85.1146



72.4507, 70.0849, 76.7270



71.7259, 70.0849, 68.8054

Triad

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



72.4507, 70.0849, 76.7270



63.9387, 70.0849, 62.9012



63.6944, 70.0849, 91.0335

Complementary

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



72.4507, 70.0849, 76.7270



73.0412, 83.0908, 89.2832

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.



61.7502, 70.0849, 84.3425



72.4507, 70.0849, 76.7270



61.8883, 70.0849, 68.1356

Square

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



72.4507, 70.0849, 76.7270



66.7589, 70.0849, 61.1857



61.0987, 70.0849, 75.8956



66.4685, 70.0849, 93.7427

Rectangle

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



72.4507, 70.0849, 76.7270



70.4434, 70.0849, 64.7653



61.0987, 70.0849, 75.8956



62.9252, 70.0849, 89.1522

Sweetspot

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



72.4527, 70.0880, 76.7285



90.7237, 93.2006, 101.7448



72.6585, 69.8197, 93.6522



19.2496, 19.6837, 21.4965



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

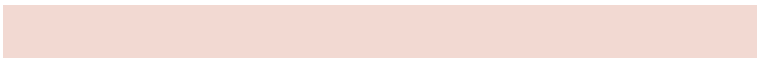
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4527, 70.0880, 76.7285



79.0196, 74.9274, 82.0128



73.0488, 73.1246, 71.2409



15.9555, 15.8319, 17.3217



20.2828, 10.3855, 4.1397



1.7283, 0.8804, 0.5602

Inverse Universe

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



72.4527, 70.0880, 76.7285



79.0196, 74.9274, 82.0128



72.3351, 79.5694, 95.5511



15.9555, 15.8319, 17.3217



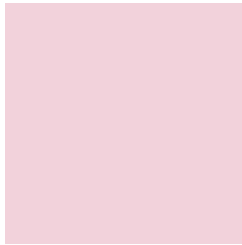
20.2828, 10.3855, 4.1397



1.7283, 0.8804, 0.5602

Previews

White Background



This preview shows how the XYZ color 72.4507, 70.0849, 76.7270 looks on a white background.

Color Contrast Check

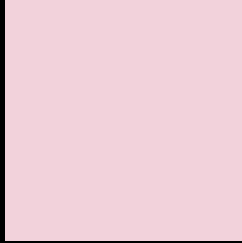
Large Text (above 18pt) WCAG AA × Fail

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 72.4507, 70.0849, 76.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

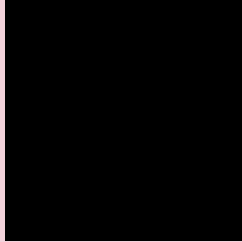
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4507, 70.0849, 76.7270

Background



This preview shows how black text looks on a background with the XYZ color 72.4507, 70.0849, 76.7270.



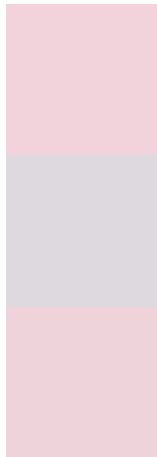
This preview shows how white text looks on a background with the XYZ color 72.4507, 70.0849,

76.7270.

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

72.4507, 70.0849, 76.7270

Protanopia

67.9509, 70.3256, 79.8048

Deuteranopia

71.6771, 70.0537, 76.7618



Tritanopia

73.3532, 70.0919, 80.8971

Trichromacy



Original Color

72.4507, 70.0849, 76.7270

Protanomaly

69.5445, 70.0251, 78.9580

Deuteranomaly

72.0156, 70.2283, 76.7776

Tritanomaly

73.0819, 69.9833, 79.4683

Monochromacy



Original Color

72.4507, 70.0849, 76.7270

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.0442, 71.4510, 77.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4507, 70.0849, 76.7270 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(242, 210, 219) looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 219)  
}
```

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(242, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.4507, 70.0849, 76.7270 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(242, 210, 219) }
```


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

```
.border{ border-color:rgb(242, 210, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 219);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4507, 70.0849, 76.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 219) }
```

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

```
.background{ background-color: rgb(242,  
210, 219) }
```

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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