

Converting Colors

XYZ(72.8892, 70.6170, 79.6008)

Have a look what the booklet for
XYZ(72.8892, 70.6170, 79.6008)
contains.

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Color

**XYZ(72.8892, 70.6170,
79.6008)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D3DF
RGB	241, 211, 223
RGB Percent	95%, 83%, 87%
CMY	0.0549, 0.1725, 0.1255
CMYK	0.00, 0.12, 0.07, 0.05
HSL	336°, 52%, 89%
HSV	336°, 12%, 95%
XYZ	72.8892, 70.6170, 79.6008
YIQ	221.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

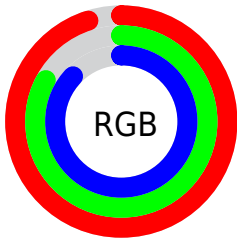
Format	Color
R _Y B	241, 211, 223
Decimal	15848415
CIE Lab	87.30, 12.41, -2.07
CIE LCh	87, 12.581, 350.534
Yxy	70.6170, 0.3267, 0.3165
Android (android.graphics.Color)	4294038495 (0xFFFF1D3DF)
YUV	221.3380, 0.8194, 17.2436
Hunter-Lab	84.0339, 7.7677, 2.6615

Details

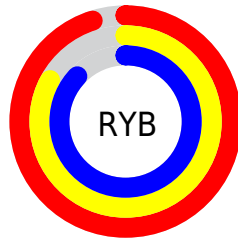
The XYZ color **72.8892, 70.6170, 79.6008** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4649, 82.4185, 86.2218**, and the grayscale version is **68.9539, 72.5449, 79.0014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9639, 36.9184, 42.1181** is the 20% darker color. If you saturate the color by 10%, you get **65.4780, 58.7822, 67.9181**, and if you desaturate by 10%, it is **81.3686, 84.3198, 92.4630**.

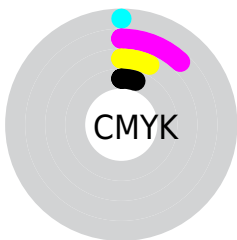
Distribution



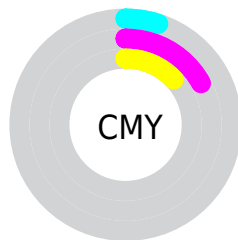
- Red (95%)
- Green (83%)
- Blue (87%)



- Red (95%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8892, 70.6170, 79.6008 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 72.8892, 70.6170, 79.6008 by changing the saturation by 10% instead.


 72.8892, 70.6170,
79.6008

 72.8892, 70.6170,
79.6008


459.7404,
462.7134, 513.2577

 54.1734, 52.0297,
58.8657

122.3239,
120.0882, 134.6107

 38.9715, 37.0287,
42.0857


153.7735,
151.7409, 169.7225

 26.9182, 25.2298,
28.8423


190.1984,
188.5176, 210.4636

 17.6481, 16.2483,
18.7170

231.9641,
230.8025, 257.2526

 10.7958, 9.7000,
11.2912

279.4357,
278.9802, 310.5079

 5.9960, 5.2005,
6.1465

332.9788,

 2.8833, 2.3654,

333.4350, 370.6482

2.8641

392.9585,
394.5513, 438.0920

■ 1.0923, 0.8080,
1.0257

■ 0.0187, 0.0000,
0.0000

■ 72.8892, 70.6170,
79.6008

■ 72.8892, 70.6170,
79.6008

■ 65.4780, 58.7822,
67.9181

■ 81.3686, 84.3198,
92.4630

■ 59.0850, 48.7248,
57.3752

■ 89.5950, 97.2446,
106.0815

■ 53.6651, 40.3606,
47.9367

■ 90.0861, 97.4410,
108.6677

■ 49.1674, 33.5948,
39.5635

■ 45.5358, 28.3232,
32.2137

■ 42.7083, 24.4290,
25.8423

■ 40.6133, 21.7780,
20.3998

■ 39.1656, 20.2082,
15.8305

■ 38.4050, 19.5526,
12.9083

Harmonies

Analogous

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



71.6082, 70.6170, 87.7187



72.8892, 70.6170, 79.6008



72.5895, 70.6170, 71.3148

Triad

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



72.8892, 70.6170, 79.6008



65.1434, 70.6170, 62.6182



63.5676, 70.6170, 90.1676

Complementary

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



72.8892, 70.6170, 79.6008



72.4649, 82.4185, 86.2218

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.



61.9311, 70.6170, 82.7482



72.8892, 70.6170, 79.6008



62.8221, 70.6170, 66.9911

Square

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



72.8892, 70.6170, 79.6008



68.0593, 70.6170, 61.9114



61.6623, 70.6170, 74.2413



66.1880, 70.6170, 94.1081

Rectangle

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



72.8892, 70.6170, 79.6008



71.5369, 70.6170, 66.7789



61.6623, 70.6170, 74.2413



62.8875, 70.6170, 87.9732

Sweetspot

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



72.8912, 70.6201, 79.6023



90.9120, 93.2759, 102.7362



71.4871, 69.6008, 92.8866



19.2972, 19.7027, 21.7470



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.



72.8912, 70.6201, 79.6023



80.5606, 76.5858, 86.9154



72.0825, 71.5002, 71.6335



16.0347, 15.8636, 17.7389



20.8882, 10.6277, 7.3279



1.7855, 0.9033, 0.8615

Inverse Universe

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



72.8912, 70.6201, 79.6023



80.5606, 76.5858, 86.9154



73.3180, 81.3508, 95.0581



16.0347, 15.8636, 17.7389



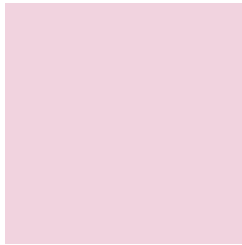
20.8882, 10.6277, 7.3279



1.7855, 0.9033, 0.8615

Previews

White Background



This preview shows how the XYZ color 72.8892, 70.6170, 79.6008 looks on a white background.

Color Contrast Check

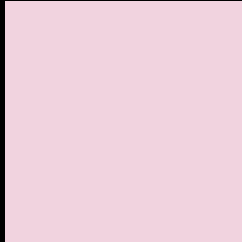
Large Text (above 18pt) WCAG AA × Fail

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 72.8892, 70.6170, 79.6008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

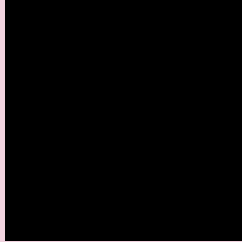
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8892, 70.6170, 79.6008

Background



This preview shows how black text looks on a background with the XYZ color 72.8892, 70.6170, 79.6008.



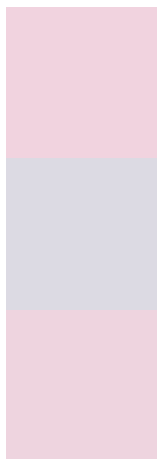
This preview shows how white text looks on a background with the XYZ color 72.8892, 70.6170,

79.6008.

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

72.8892, 70.6170, 79.6008

Protanopia

68.4517, 70.9045, 82.7512

Deuteranopia

72.1227, 70.5918, 79.6363



Tritanopia

73.5297, 70.5165, 82.4087

Trichromacy



Original Color

72.8892, 70.6170, 79.6008

Protanomaly

70.0228, 70.5858, 81.8853

Deuteranomaly

72.4594, 70.7654, 79.6521

Tritanomaly

73.3920, 70.4614, 81.6837

Monochromacy



Original Color

72.8892, 70.6170, 79.6008

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9926, 71.3936, 79.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8892, 70.6170, 79.6008 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(241, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(241, 211, 223)  
}
```

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(241, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 211, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.8892, 70.6170, 79.6008 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(241, 211, 223) }
```


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

```
.border{ border-color:rgb(241, 211, 223) }
```

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

Here you see how a box with a 4 pixel rgb(241, 211, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(241, 211,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8892, 70.6170, 79.6008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 211, 223) }
```

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

```
.background{ background-color: rgb(241,  
211, 223) }
```

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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