

Converting Colors

XYZ(72.1531, 69.3260, 72.4202)

Have a look what the booklet for
XYZ(72.1531, 69.3260, 72.4202)
contains.

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Color

**XYZ(72.2223, 69.3283,
72.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D0D5
RGB	245, 208, 213
RGB Percent	96%, 82%, 84%
CMY	0.0392, 0.1843, 0.1647
CMYK	0.00, 0.15, 0.13, 0.04
HSL	352°, 65%, 89%
HSV	352°, 15%, 96%
XYZ	72.2223, 69.3283, 72.5260
YIQ	219.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

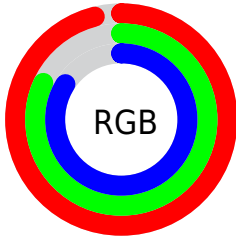
Format	Color
R _Y B	245, 208, 213
Decimal	16109781
CIE Lab	86.67, 13.73, 2.35
CIE LCh	87, 13.933, 9.690
Yxy	69.3283, 0.3374, 0.3238
Android (android.graphics.Color)	4294299861 (0xFFF5D0D5)
YUV	219.6330, -3.2701, 22.2469
Hunter-Lab	83.2636, 9.1184, 6.6405

Details

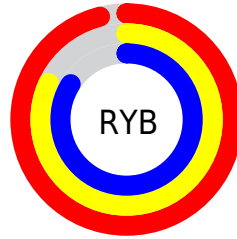
The XYZ color **72.2223, 69.3283, 72.5260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3957, 85.0077, 94.9292**, and the grayscale version is **67.7854, 71.3156, 77.6626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4662, 36.2712, 37.3214** is the 20% darker color. If you saturate the color by 10%, you get **64.1879, 57.2860, 57.4330**, and if you desaturate by 10%, it is **81.5348, 83.3627, 89.7808**.

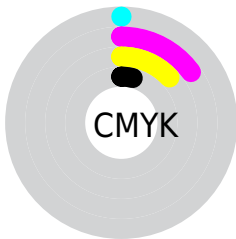
Distribution



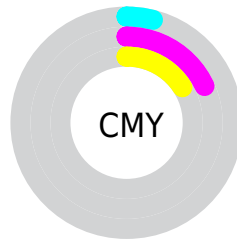
- Red (96%)
- Green (82%)
- Blue (84%)



- Red (96%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2223, 69.3283, 72.5260 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 72.2223, 69.3283, 72.5260 by changing the saturation by 10% instead.


 72.2223, 69.3283,
72.5260

 72.2223, 69.3283,
72.5260


457.4606,
458.1880, 488.3970

 53.6264, 50.9791,
53.0990


121.3816,
118.2504, 124.5187

 38.5325, 36.1920,
37.4935


152.6758,
149.5920, 157.9216

 26.5754, 24.5825,
25.2911


188.9334,
186.0333, 196.8201

 17.3895, 15.7663,
16.0731

230.5198,
227.9587, 241.6328

 10.6096, 9.3589,
9.4210

277.8003,
275.7524, 292.7784

 5.8703, 4.9760,
4.9162

331.1404,

 2.8063, 2.2332,

329.7989, 350.6752

2.1403

390.9054,
390.4827, 415.7419

■ 1.0522, 0.7380,
0.6396

■ 0.0000, 0.0000,
0.0000

■ 72.2223, 69.3283,
72.5260

■ 72.2223, 69.3283,
72.5260

■ 64.1879, 57.2860,
57.4330

■ 81.5348, 83.3627,
89.7808

■ 57.3699, 47.1366,
44.4121

■ 91.4665, 98.1526,
108.7323

■ 51.7106, 38.7865,
33.3737

■ 47.1448, 32.1304,
24.2202

■ 43.6011, 27.0519,
16.8453

■ 40.9993, 23.4202,
11.1324

■ 39.2471, 21.0829,
6.9504

■ 38.2327, 19.8536,
4.1478

■ 37.9322, 19.5229,
3.2141

Harmonies

Analogous

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



71.9058, 69.3283, 81.8447



72.2223, 69.3283, 72.5260



70.8011, 69.3283, 64.6654

Triad

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



72.2223, 69.3283, 72.5260



61.9989, 69.3283, 62.5837



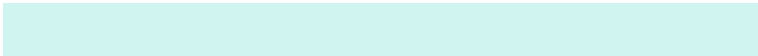
63.7575, 69.3283, 93.4687

Complementary

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



72.2223, 69.3283, 72.5260



74.3957, 85.0077, 94.9292

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.



61.2199, 69.3283, 87.4527



72.2223, 69.3283, 72.5260



60.2279, 69.3283, 69.4669

Square

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



72.2223, 69.3283, 72.5260



64.8524, 69.3283, 59.2434



59.9475, 69.3283, 78.5270



66.9477, 69.3283, 94.4568

Rectangle

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



72.2223, 69.3283, 72.5260



69.0859, 69.3283, 61.1197



59.9475, 69.3283, 78.5270



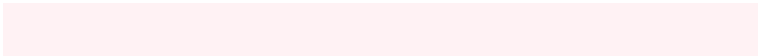
62.8029, 69.3283, 91.9452

Sweetspot

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



72.2242, 69.3314, 72.5275



89.3914, 91.4431, 98.5043



74.7882, 70.1366, 95.9829



18.9695, 19.3250, 20.7819



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.



72.2242, 69.3314, 72.5275



76.3691, 71.8317, 74.3309



74.8867, 75.6557, 70.3343



16.5902, 16.5189, 17.5887



20.4631, 10.5287, 1.8812



1.8263, 0.9365, 0.3119

Inverse Universe

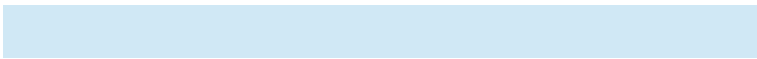
The Inverse Universe completely reimagines the original color for something new.



72.2242, 69.3314, 72.5275



76.3691, 71.8317, 74.3309



71.3671, 77.7462, 97.6320



16.5902, 16.5189, 17.5887



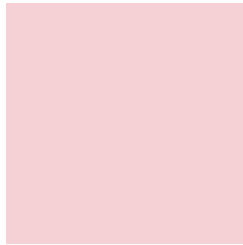
20.4631, 10.5287, 1.8812



1.8263, 0.9365, 0.3119

Previews

White Background



This preview shows how the XYZ color 72.2223, 69.3283, 72.5260 looks on a white background.

Color Contrast Check

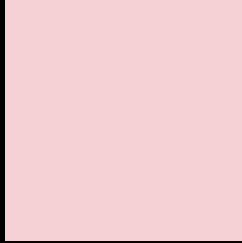
Large Text (above 18pt) WCAG AA × Fail

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 72.2223, 69.3283, 72.5260 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 72.2223, 69.3283, 72.5260

Background



This preview shows how black text looks on a background with the XYZ color 72.2223, 69.3283, 72.5260.



This preview shows how white text looks on a background with the XYZ color 72.2223, 69.3283,

72.5260.

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

72.2223, 69.3283, 72.5260

Protanopia

67.0295, 69.5458, 76.2205

Deuteranopia

70.9920, 69.4225, 72.6090



Tritanopia

73.3966, 69.0632, 79.2741

Trichromacy



Original Color

72.2223, 69.3283, 72.5260

Protanomaly

68.8220, 69.3694, 74.7281

Deuteranomaly

71.4287, 69.2823, 72.5589

Tritanomaly

73.1050, 69.3330, 76.5474

Monochromacy



Original Color

72.2223, 69.3283, 72.5260

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3934, 70.7795, 75.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2223, 69.3283, 72.5260 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(245, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 213)  
}
```

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(245, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.2223, 69.3283, 72.5260 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(245, 208, 213) }
```


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

```
.border{ border-color:rgb(245, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2223, 69.3283, 72.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 213) }
```

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

```
.background{ background-color: rgb(245,  
208, 213) }
```

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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