

Converting Colors

XYZ(72.2258, 68.2073, 74.3168)

Have a look what the booklet for
XYZ(72.2258, 68.2073, 74.3168)
contains.

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Color

**XYZ(72.2320, 68.2133,
74.3252)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CDD8
RGB	246, 205, 216
RGB Percent	96%, 80%, 85%
CMY	0.0353, 0.1961, 0.1529
CMYK	0.00, 0.17, 0.12, 0.04
HSL	344°, 69%, 88%
HSV	344°, 17%, 96%
XYZ	72.2320, 68.2133, 74.3252
YIQ	218.5130, 20.9050, 12.1130

Conversions

Conversions Part 2

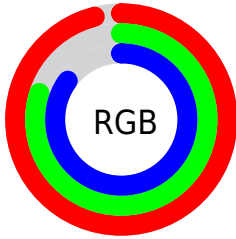
Format	Color
R _Y B	246, 205, 216
Decimal	16174552
CIE Lab	86.11, 16.14, -0.04
CIE LCh	86, 16.140, 359.853
Yxy	68.2133, 0.3363, 0.3176
Android (android.graphics.Color)	4294364632 (0xFFF6CDD8)
YUV	218.5130, -1.2389, 24.1061
Hunter-Lab	82.5913, 11.5761, 4.4580

Details

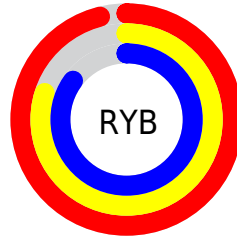
The XYZ color **72.2320, 68.2133, 74.3252** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1306, 84.8905, 91.1324**, and the grayscale version is **66.9945, 70.4834, 76.7564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4859, 35.5252, 38.5468** is the 20% darker color. If you saturate the color by 10%, you get **64.6026, 56.4768, 60.9220**, and if you desaturate by 10%, it is **81.0454, 81.9082, 89.3827**.

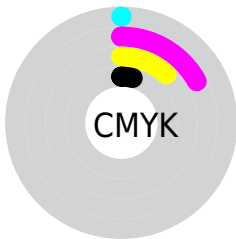
Distribution



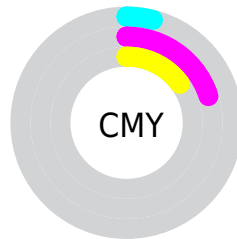
- Red (96%)
- Green (80%)
- Blue (85%)



- Red (96%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2320, 68.2133, 74.3252 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 72.2320, 68.2133, 74.3252 by changing the saturation by 10% instead.


 72.2320, 68.2133,
74.3252

 72.2320, 68.2133,
74.3252


457.4938,
454.2514, 494.7884

 53.6344, 50.0713,
54.5618


121.3953,
116.6572, 127.0950

 38.5389, 35.4700,
38.6548


152.6917,
147.7279, 160.9385

 26.5803, 24.0252,
26.1855


188.9518,
183.8770, 200.3125

 17.3932, 15.3523,
16.7355

230.5408,
225.4888, 245.6355

 10.6123, 9.0670,
9.8861

277.8241,
272.9477, 297.3260

 5.8721, 4.7849,
5.2189

331.1672,

 2.8074, 2.1216,

326.6382, 355.8027

2.3153

390.9353,
386.9446, 421.4839

■ 1.0528, 0.6767,
0.7398

■ 0.0000, 0.0000,
0.0000

■ 72.2320, 68.2133,
74.3252

■ 72.2320, 68.2133,
74.3252

■ 64.6026, 56.4768,
60.9220

■ 81.0454, 81.9082,
89.3827

■ 58.1002, 46.5999,
49.1112

■ 91.0851, 97.6360,
106.1447

■ 52.6715, 38.4893,
38.8335

■ 91.8164, 98.3330,
108.7487

■ 48.2566, 32.0397,
30.0239

■ 44.7894, 27.1345,
22.6127

■ 42.1958, 23.6420,
16.5240

■ 40.3898, 21.4079,
11.6736

■ 39.2647, 20.2388,
7.9655

■ 38.9892, 19.9861,
6.9542

Harmonies

Analogous

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



71.2002, 68.2133, 85.0113



72.2320, 68.2133, 74.3252



71.2197, 68.2133, 64.5616

Triad

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



72.2320, 68.2133, 74.3252



61.3487, 68.2133, 57.9274



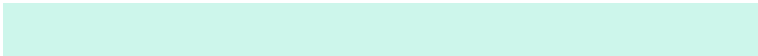
61.3181, 68.2133, 93.3742

Complementary

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



72.2320, 68.2133, 74.3252



73.1306, 84.8905, 91.1324

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.



58.8432, 68.2133, 84.9118



72.2320, 68.2133, 74.3252



58.8604, 68.2133, 64.4788

Square

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



72.2320, 68.2133, 74.3252



64.8530, 68.2133, 55.6610



57.9605, 68.2133, 74.2202



64.8164, 68.2133, 96.6297

Rectangle

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



72.2320, 68.2133, 74.3252



69.5430, 68.2133, 59.7270



57.9605, 68.2133, 74.2202



60.3438, 68.2133, 91.0068

Sweetspot

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



72.2339, 68.2163, 74.3266



89.6505, 91.5467, 99.8685



72.5258, 67.8771, 96.4686



19.0323, 19.3501, 21.1123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

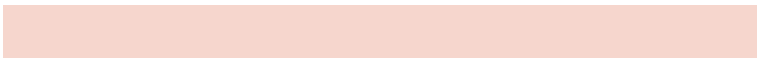
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2339, 68.2163, 74.3266



75.4458, 69.4909, 75.5464



73.0448, 72.0375, 67.8160



16.6817, 16.5555, 18.0702



20.8604, 10.6876, 3.9730



1.8745, 0.9558, 0.5654

Inverse Universe

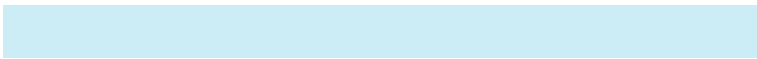
The Inverse Universe completely reimagines the original color for something new.



72.2339, 68.2163, 74.3266



75.4458, 69.4909, 75.5464



72.1317, 80.2709, 98.8816



16.6817, 16.5555, 18.0702



20.8604, 10.6876, 3.9730



1.8745, 0.9558, 0.5654

Previews

White Background



This preview shows how the XYZ color 72.2320, 68.2133, 74.3252 looks on a white background.

Color Contrast Check

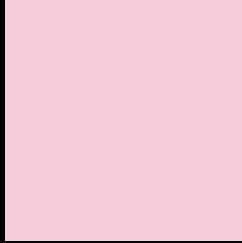
Large Text (above 18pt) WCAG AA × Fail

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 72.2320, 68.2133, 74.3252 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 72.2320, 68.2133, 74.3252

Background



This preview shows how black text looks on a background with the XYZ color 72.2320, 68.2133, 74.3252.



This preview shows how white text looks on a background with the XYZ color 72.2320, 68.2133,

74.3252.

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

72.2320, 68.2133, 74.3252

Protanopia

66.0112, 68.2190, 78.0950

Deuteranopia

69.6583, 68.3401, 73.8095



Tritanopia

72.8689, 68.1272, 77.0194

Trichromacy



Original Color

72.2320, 68.2133, 74.3252

Protanomaly

68.0754, 68.1970, 76.5932

Deuteranomaly

70.7568, 68.5433, 73.7909

Tritanomaly

72.7368, 68.0744, 76.3239

Monochromacy



Original Color

72.2320, 68.2133, 74.3252

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0146, 69.8131, 76.1675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2320, 68.2133, 74.3252 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, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 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, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.2320, 68.2133, 74.3252 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, 205, 216) }
```


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

```
.border{ border-color:rgb(246, 205, 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, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2320, 68.2133, 74.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 216) }
```

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

```
.background{ background-color: rgb(246,  
205, 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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