

Converting Colors

XYZ(72.5424, 68.8567, 84.5774)

Have a look what the booklet for
XYZ(72.5424, 68.8567, 84.5774)
contains.

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Color

**XYZ(72.5309, 68.8641,
84.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CFE6
RGB	240, 207, 230
RGB Percent	94%, 81%, 90%
CMY	0.0588, 0.1882, 0.0980
CMYK	0.00, 0.14, 0.04, 0.06
HSL	318°, 52%, 88%
HSV	318°, 14%, 94%
XYZ	72.5309, 68.8641, 84.3322
YIQ	219.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

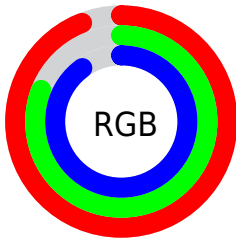
Format	Color
R _Y B	240, 207, 230
Decimal	15781862
CIE Lab	86.44, 15.37, -7.06
CIE LCh	86, 16.915, 335.345
Yxy	68.8641, 0.3213, 0.3051
Android (android.graphics.Color)	4293971942 (0xFFFF0CFE6)
YUV	219.4890, 5.1819, 17.9881
Hunter-Lab	82.9844, 10.7918, -2.1639

Details

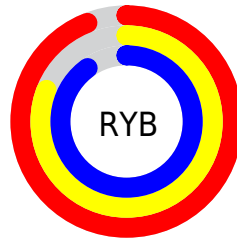
The XYZ color **72.5309, 68.8641, 84.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4193, 80.5971, 77.5474**, and the grayscale version is **67.6324, 71.1545, 77.4873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8963, 36.0680, 45.4692** is the 20% darker color. If you saturate the color by 10%, you get **66.1528, 57.7078, 77.2718**, and if you desaturate by 10%, it is **79.8394, 81.8111, 91.9147**.

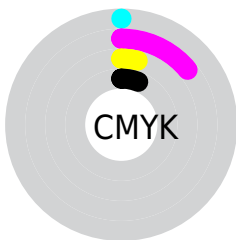
Distribution



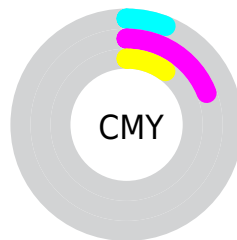
- Red (94%)
- Green (81%)
- Blue (90%)



- Red (94%)
- Yellow (81%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5309, 68.8641, 84.3322 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 72.5309, 68.8641, 84.3322 by changing the saturation by 10% instead.


 72.5309, 68.8641,
84.3322

 72.5309, 68.8641,
84.3322


458.5164,
456.5515, 529.5026

 53.8795, 50.6010,
62.7428

121.8178,
117.5874, 141.3056

 38.7356, 35.8912,
45.1935

153.1839,
148.8165, 177.5267

 26.7339, 24.3502,
31.2658


189.5190,
185.1364, 219.4621

 17.5090, 15.5936,
20.5412


231.1884,
226.9315, 267.5304

 10.6956, 9.2370,
12.6011

278.5575,
274.5861, 322.1500

 5.9283, 4.8961,
7.0269

331.9916,

 2.8418, 2.1864,

328.4847, 383.7396

3.4002

391.8561,
389.0117, 452.7176

■ 1.0707, 0.7126,
1.3025

■ 0.0004, 0.0000,
0.0638

■ 72.5309, 68.8641,
84.3322

■ 72.5309, 68.8641,
84.3322

■ 66.1528, 57.7078,
77.2718

■ 79.8394, 81.8111,
91.9147

■ 60.6588, 48.2533,
70.7130

■ 88.1082, 96.6105,
100.0293

■ 56.0077, 40.4179,
64.6404

■ 89.2381, 97.0625,
105.9795

■ 52.1522, 34.1081,
59.0356

■ 89.7456, 97.2655,
108.6518

■ 49.0406, 29.2213,
53.8787

■ 46.6146, 25.6415,
49.1474

■ 44.8066, 23.2350,
44.8165

■ 43.5348, 21.8386,
40.8559

■ 42.9351, 21.3253,
38.5409

Harmonies

Analogous

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



69.9023, 68.8641, 93.9630



72.5309, 68.8641, 84.3322



73.2325, 68.8641, 72.9921

Triad

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



72.5309, 68.8641, 84.3322



64.7550, 68.8641, 55.5113



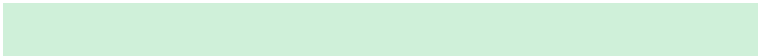
59.5070, 68.8641, 88.1480

Complementary

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



72.5309, 68.8641, 84.3322



69.4193, 80.5971, 77.5474

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.



58.2454, 68.8641, 77.0063



72.5309, 68.8641, 84.3322



61.1971, 68.8641, 58.7453

Square

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



72.5309, 68.8641, 84.3322



68.6417, 68.8641, 57.0560



58.8517, 68.8641, 66.3485



62.3651, 68.8641, 96.3153

Rectangle

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



72.5309, 68.8641, 84.3322



72.4899, 68.8641, 66.1317



58.8517, 68.8641, 66.3485



58.8874, 68.8641, 84.5871

Sweetspot

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



72.5329, 68.8671, 84.3337



91.3882, 93.4664, 105.2438



66.6294, 65.6568, 91.6003



19.4177, 19.7509, 22.3817



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.



72.5329, 68.8671, 84.3337



81.4598, 75.9035, 94.8626



70.3370, 67.9887, 72.7700



16.2383, 15.9450, 18.8113



23.5649, 11.6984, 21.4232



2.0043, 0.9908, 2.0136

Inverse Universe

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



72.5329, 68.8671, 84.3337



81.4598, 75.9035, 94.8626



71.6597, 81.4933, 89.3452



16.2383, 15.9450, 18.8113



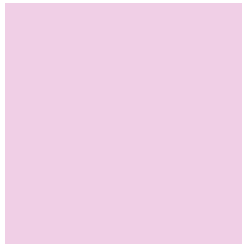
23.5649, 11.6984, 21.4232



2.0043, 0.9908, 2.0136

Previews

White Background



This preview shows how the XYZ color 72.5309, 68.8641, 84.3322 looks on a white background.

Color Contrast Check

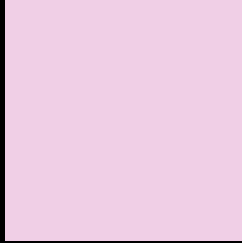
Large Text (above 18pt) WCAG AA × Fail

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 72.5309, 68.8641, 84.3322 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 72.5309, 68.8641, 84.3322

Background



This preview shows how black text looks on a background with the XYZ color 72.5309, 68.8641, 84.3322.



This preview shows how white text looks on a background with the XYZ color 72.5309, 68.8641,

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

72.5309, 68.8641, 84.3322

Protanopia

67.3202, 69.0461, 88.3763

Deuteranopia

70.4682, 68.9061, 83.7149



Tritanopia

71.6070, 68.8443, 80.0352

Trichromacy



Original Color

72.5309, 68.8641, 84.3322

Protanomaly

68.9919, 68.8175, 86.7376

Deuteranomaly

71.2043, 68.9202, 83.6788

Tritanomaly

71.8799, 68.9535, 81.4724

Monochromacy



Original Color

72.5309, 68.8641, 84.3322

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2983, 70.2595, 79.7211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5309, 68.8641, 84.3322 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(240, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 207, 230)  
}
```

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(240, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 230) }
```

Border

The CSS property to change the border of an element to XYZ 72.5309, 68.8641, 84.3322 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(240, 207, 230) }
```


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

```
.border{ border-color:rgb(240, 207, 230) }
```

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

Here you see how a box with a 4 pixel rgb(240, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5309, 68.8641, 84.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 207, 230) }
```

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

```
.background{ background-color: rgb(240,  
207, 230) }
```

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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