

Converting Colors

XYZ(73.7275, 68.8930, 78.5191)

Have a look what the booklet for
XYZ(73.7275, 68.8930, 78.5191)
contains.

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Color

**XYZ(73.7275, 68.8930,
78.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CDDE
RGB	248, 205, 222
RGB Percent	97%, 80%, 87%
CMY	0.0274, 0.1961, 0.1294
CMYK	0.00, 0.17, 0.10, 0.03
HSL	336°, 75%, 89%
HSV	336°, 17%, 97%
XYZ	73.7275, 68.8930, 78.5191
YIQ	219.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

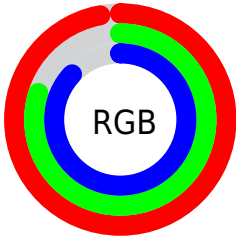
Format	Color
R _Y B	248, 205, 222
Decimal	16305630
CIE Lab	86.45, 17.81, -2.71
CIE LCh	86, 18.016, 351.347
Yxy	68.8930, 0.3334, 0.3115
Android (android.graphics.Color)	4294495710 (0xFF F8 CD DE)
YUV	219.7950, 1.0871, 24.7358
Hunter-Lab	83.0018, 13.3019, 2.0134

Details

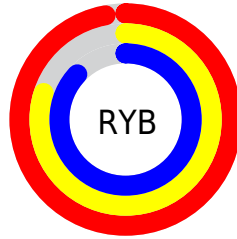
The XYZ color **73.7275, 68.8930, 78.5191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1707, 85.8852, 88.3263**, and the grayscale version is **67.8690, 71.4035, 77.7584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5275, 35.9996, 41.4245** is the 20% darker color. If you saturate the color by 10%, you get **66.3376, 57.1875, 66.5764**, and if you desaturate by 10%, it is **82.2404, 82.5566, 91.7199**.

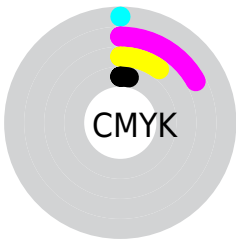
Distribution



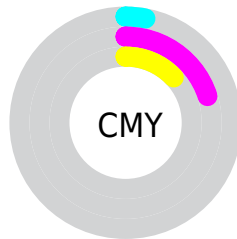
- Red (97%)
- Green (80%)
- Blue (87%)



- Red (97%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7275, 68.8930, 78.5191 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 73.7275, 68.8930, 78.5191 by changing the saturation by 10% instead.

73.7275, 68.8930,
78.5191

73.7275, 68.8930,
78.5191

462.5972,
456.6535, 509.5025

54.8615, 50.6246,
57.9815

123.5070,
117.6287, 133.0742

39.5243, 35.9099,
41.3792

155.1513,
148.8648, 167.9287

27.3504, 24.3646,
28.2936

191.7857,
185.1923, 208.3927

17.9745, 15.6043,
18.3061

233.7756,
226.9955, 254.8846

11.0312, 9.2446,
10.9983

281.4863,
274.6588, 307.8230

6.1553, 4.9011,
5.9515

335.2833,

2.9813, 2.1893,

328.5666, 367.6264

2.7473

395.5318,
389.1034, 434.7134

■ 1.1439, 0.7142,
0.9671

■ 0.0614, 0.0000,
0.0000

■ 73.7275, 68.8930,
78.5191

■ 73.7275, 68.8930,
78.5191

■ 66.3376, 57.1875,
66.5764

■ 82.2404, 82.5566,
91.7199

■ 60.0160, 47.3407,
55.8482

■ 91.9161, 98.2535,
106.2117

■ 54.7121, 39.2582,
46.2946

■ 92.5217, 98.6966,
108.7817

■ 50.3686, 32.8338,
37.8718

■ 46.9224, 27.9494,
30.5326

■ 44.3021, 24.4714,
24.2256

■ 42.4246, 22.2428,
18.8942

■ 41.1830, 21.0599,
14.4717

■ 40.9179, 20.8391,
13.4291

Harmonies

Analogous

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



71.9408, 68.8930, 90.2812



73.7275, 68.8930, 78.5191



73.2323, 68.8930, 66.9642

Triad

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



73.7275, 68.8930, 78.5191



62.6066, 68.8930, 55.6019



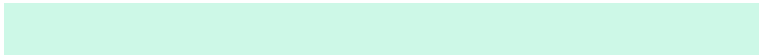
60.6016, 68.8930, 94.4025

Complementary

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



73.7275, 68.8930, 78.5191



73.1707, 85.8852, 88.3263

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.



58.2964, 68.8930, 83.6817



73.7275, 68.8930, 78.5191



59.4194, 68.8930, 61.5708

Square

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



73.7275, 68.8930, 78.5191



66.6939, 68.8930, 54.5331



57.8731, 68.8930, 71.6124



64.2824, 68.8930, 100.0682

Rectangle

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



73.7275, 68.8930, 78.5191



71.6833, 68.8930, 60.8490



57.8731, 68.8930, 71.6124



59.6467, 68.8930, 91.2198

Sweetspot

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



73.7295, 68.8961, 78.5206



89.8999, 91.6465, 101.1818



71.6676, 67.3989, 98.0397



19.0928, 19.3743, 21.4309



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

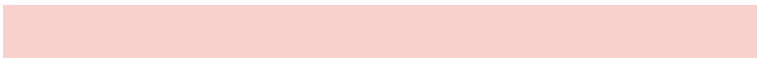
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7295, 68.8961, 78.5206



75.4995, 68.5505, 78.7945



72.6073, 70.1156, 67.4681



17.5288, 17.3389, 19.3743



22.1680, 11.2829, 7.5930



2.1037, 1.0652, 0.9694

Inverse Universe

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



73.7295, 68.8961, 78.5206



75.4995, 68.5505, 78.7945



74.3828, 84.2792, 101.1548



17.5288, 17.3389, 19.3743



22.1680, 11.2829, 7.5930



2.1037, 1.0652, 0.9694

Previews

White Background



This preview shows how the XYZ color 73.7275, 68.8930, 78.5191 looks on a white background.

Color Contrast Check

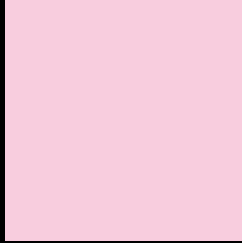
Large Text (above 18pt) WCAG AA × Fail

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 73.7275, 68.8930, 78.5191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

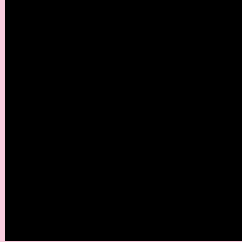
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7275, 68.8930, 78.5191

Background



This preview shows how black text looks on a background with the XYZ color 73.7275, 68.8930, 78.5191.



This preview shows how white text looks on a background with the XYZ color 73.7275, 68.8930,

78.5191.

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

73.7275, 68.8930, 78.5191

Protanopia

66.9193, 68.9540, 83.1812

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

73.5939, 68.8396, 77.8152

Trichromacy



Original Color

73.7275, 68.8930, 78.5191

Protanomaly

69.0166, 68.5735, 81.5499

Deuteranomaly

71.5422, 68.8575, 77.9268

Tritanomaly

73.5939, 68.8396, 77.8152

Monochromacy



Original Color

73.7275, 68.8930, 78.5191

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.9847, 70.6443, 78.3537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7275, 68.8930, 78.5191 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(248, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 222)  
}
```

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(248, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.7275, 68.8930, 78.5191 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(248, 205, 222) }
```


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

```
.border{ border-color:rgb(248, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7275, 68.8930, 78.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 222) }
```

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

```
.background{ background-color: rgb(248,  
205, 222) }
```

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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