

Converting Colors

XYZ(75.9268, 71.5760, 81.9162)

Have a look what the booklet for XYZ(75.9268, 71.5760, 81.9162) contains.

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Color

**XYZ(75.9523, 71.4159,
81.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1E2
RGB	250, 209, 226
RGB Percent	98%, 82%, 89%
CMY	0.0196, 0.1804, 0.1137
CMYK	0.00, 0.16, 0.10, 0.02
HSL	335°, 80%, 90%
HSV	335°, 16%, 98%
XYZ	75.9523, 71.4159, 81.7330
YIQ	223.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

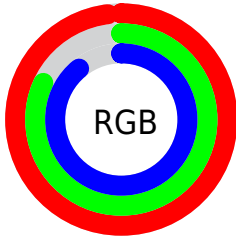
Format	Color
R _Y B	250, 209, 226
Decimal	16437730
CIE Lab	87.69, 17.06, -2.99
CIE LCh	88, 17.321, 350.045
Yxy	71.4159, 0.3315, 0.3117
Android (android.graphics.Color)	4294627810 (0xFFFAD1E2)
YUV	223.1970, 1.3819, 23.5062
Hunter-Lab	84.5079, 12.5397, 1.8124

Details

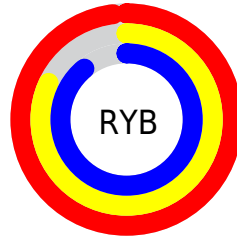
The XYZ color **75.9523, 71.4159, 81.7330** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1909, 87.8117, 90.0814**, and the grayscale version is **70.2620, 73.9211, 80.5001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8986, 37.3889, 43.5893** is the 20% darker color. If you saturate the color by 10%, you get **68.3702, 59.3291, 69.7167**, and if you desaturate by 10%, it is **84.6723, 85.5025, 94.9761**.

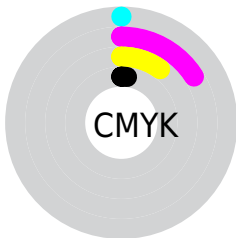
Distribution



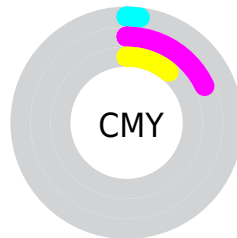
- Red (98%)
- Green (82%)
- Blue (89%)



- Red (98%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9523, 71.4159, 81.7330 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 75.9523, 71.4159, 81.7330 by changing the saturation by 10% instead.


 75.9523, 71.4159,
81.7330

 75.9523, 71.4159,
81.7330

470.1313,
465.5060, 520.6141

 56.6903, 52.6817,
60.6109


126.6402,
121.2257, 137.6328

 40.9958, 37.5487,
43.4828


158.7968,
153.0701, 173.2477

 28.5035, 25.6326,
29.9299

195.9823,
190.0534, 214.5306

 18.8479, 16.5490,
19.5338

238.5622,
232.5598, 261.9000

 11.6638, 9.9135,
11.8759

286.9016,
280.9739, 315.7745

 6.5857, 5.3416,
6.5377

341.3660,

 3.2484, 2.4491,

335.6801, 376.5727

3.1007

402.3208,
397.0626, 444.7131

■ 1.2865, 0.8510,
1.1463

■ 0.1730, 0.0000,
0.0000

■ 75.9523, 71.4159,
81.7330

■ 75.9523, 71.4159,
81.7330

■ 68.3702, 59.3291,
69.7167

■ 84.6723, 85.5025,
94.9761

■ 61.8710, 49.1413,
58.8854

■ 93.2348, 99.0642,
108.8150

■ 56.4039, 40.7572,
49.2010

■ 51.9115, 34.0696,
40.6218

■ 48.3306, 28.9597,
33.1026

■ 45.5900, 25.2931,
26.5948

■ 43.6067, 22.9125,
21.0444

■ 42.2783, 21.6220,
16.3892

■ 41.9054, 21.3165,
14.9078

Harmonies

Analogous

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



74.1097, 71.4159, 93.1964



75.9523, 71.4159, 81.7330



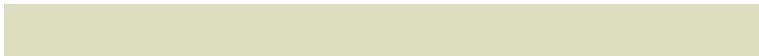
75.5658, 71.4159, 70.2673

Triad

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



75.9523, 71.4159, 81.7330



65.2094, 71.4159, 58.4008



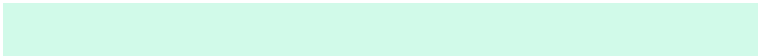
62.9356, 71.4159, 96.4039

Complementary

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



75.9523, 71.4159, 81.7330



75.1909, 87.8117, 90.0814

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.



60.7314, 71.4159, 85.7668



75.9523, 71.4159, 81.7330



62.0071, 71.4159, 64.1294

Square

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



75.9523, 71.4159, 81.7330



69.2522, 71.4159, 57.5549



60.3985, 71.4159, 73.9174



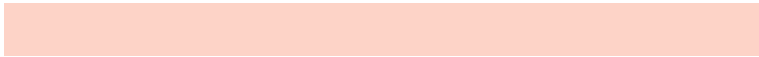
66.5234, 71.4159, 102.2135

Rectangle

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



75.9523, 71.4159, 81.7330



74.1013, 71.4159, 64.1056



60.3985, 71.4159, 73.9174



62.0145, 71.4159, 93.2269

Sweetspot

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



75.9543, 71.4191, 81.7345



89.9379, 91.6617, 101.3820



73.6355, 69.8161, 100.0384



19.1020, 19.3780, 21.4795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

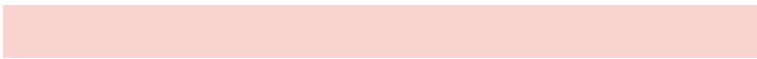
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9543, 71.4191, 81.7345



76.4430, 69.8898, 80.7977



74.5833, 72.2263, 70.3355



17.5430, 17.3446, 19.4493



22.2953, 11.3338, 8.2635



2.1163, 1.0703, 1.0359

Inverse Universe

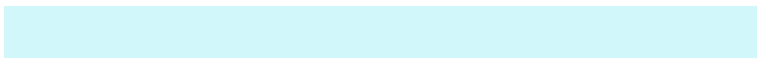
The Inverse Universe completely reimagines the original color for something new.



75.9543, 71.4191, 81.7345



76.4430, 69.8898, 80.7977



76.6856, 86.7263, 103.1416



17.5430, 17.3446, 19.4493



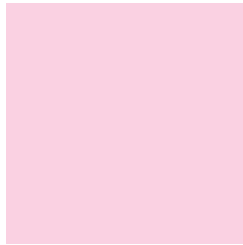
22.2953, 11.3338, 8.2635



2.1163, 1.0703, 1.0359

Previews

White Background



This preview shows how the XYZ color 75.9523, 71.4159, 81.7330 looks on a white background.

Color Contrast Check

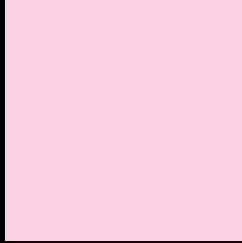
Large Text (above 18pt) WCAG AA × Fail

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 75.9523, 71.4159, 81.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

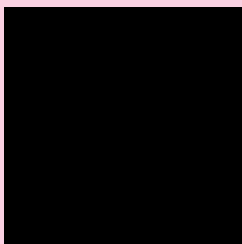
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9523, 71.4159, 81.7330

Background



This preview shows how black text looks on a background with the XYZ color 75.9523, 71.4159, 81.7330.



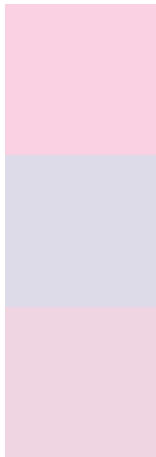
This preview shows how white text looks on a background with the XYZ color 75.9523, 71.4159,

81.7330.

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

75.9523, 71.4159, 81.7330

Protanopia

69.7158, 71.8614, 86.5401

Deuteranopia

72.9815, 71.3755, 81.1645



Tritanopia

75.8154, 71.3612, 81.0123

Trichromacy



Original Color

75.9523, 71.4159, 81.7330

Protanomaly

71.8621, 71.4699, 84.8704

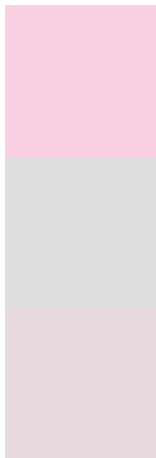
Deuteranomaly

74.0962, 71.5779, 81.1448

Tritanomaly

75.8154, 71.3612, 81.0123

Monochromacy



Original Color

75.9523, 71.4159, 81.7330

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1302, 72.8483, 80.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9523, 71.4159, 81.7330 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(250, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 226)  
}
```

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(250, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 75.9523, 71.4159, 81.7330 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(250, 209, 226) }
```


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

```
.border{ border-color:rgb(250, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9523, 71.4159, 81.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 226) }
```

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

```
.background{ background-color: rgb(250,  
209, 226) }
```

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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