

Converting Colors

XYZ(75.6223, 71.4212, 80.2516)

Have a look what the booklet for
XYZ(75.6223, 71.4212, 80.2516)
contains.

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Color

**XYZ(75.6794, 71.3067,
80.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1E0
RGB	250, 209, 224
RGB Percent	98%, 82%, 88%
CMY	0.0196, 0.1804, 0.1216
CMYK	0.00, 0.16, 0.10, 0.02
HSL	338°, 80%, 90%
HSV	338°, 16%, 98%
XYZ	75.6794, 71.3067, 80.2959
YIQ	222.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

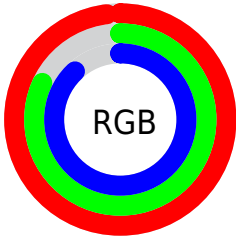
Format	Color
R _Y B	250, 209, 224
Decimal	16437728
CIE Lab	87.63, 16.73, -2.01
CIE LCh	88, 16.852, 353.136
Yxy	71.3067, 0.3330, 0.3137
Android (android.graphics.Color)	4294627808 (0xFFFFAD1E0)
YUV	222.9690, 0.5083, 23.7062
Hunter-Lab	84.4433, 12.1987, 2.7323

Details

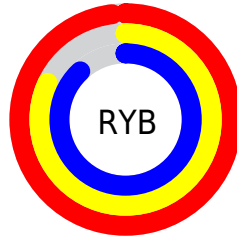
The XYZ color **75.6794, 71.3067, 80.2959** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4783, 87.9266, 91.5949**, and the grayscale version is **70.1057, 73.7566, 80.3210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7094, 37.3132, 42.5927** is the 20% darker color. If you saturate the color by 10%, you get **67.9696, 59.1688, 67.6072**, and if you desaturate by 10%, it is **84.5562, 85.4560, 94.3647**.

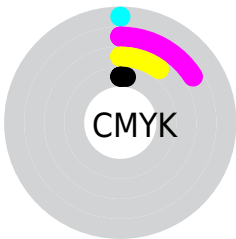
Distribution



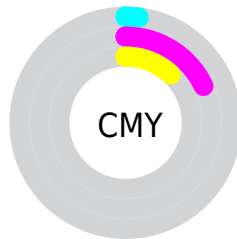
- Red (98%)
- Green (82%)
- Blue (88%)



- Red (98%)
- Yellow (82%)
- Blue (88%)



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





- Cyan (2%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6794, 71.3067, 80.2959 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 75.6794, 71.3067, 80.2959 by changing the saturation by 10% instead.

 75.6794, 71.3067,
80.2959

 75.6794, 71.3067,
80.2959


469.2108,
465.1249, 515.6625

 56.4658, 52.5925,
59.4343


126.2564,
121.0703, 135.5968

 40.8150, 37.4776,
42.5405


158.3505,
152.8886, 170.8732

 28.3616, 25.5775,
29.1960


195.4688,
189.8436, 211.7916

 18.7402, 16.5078,
18.9823

237.9766,
232.3199, 258.7705

 11.5856, 9.8842,
11.4808

286.2394,
280.7017, 312.2286

 6.5324, 5.3222,
6.2730

340.6225,

 3.2151, 2.4376,

335.3736, 372.5842

2.9403

401.4911,
396.7198, 440.2560

■ 1.2685, 0.8451,
1.0642

■ 0.1595, 0.0000,
0.0000

■ 75.6794, 71.3067,
80.2959

■ 75.6794, 71.3067,
80.2959

■ 67.9696, 59.1688,
67.6072

■ 84.5562, 85.4560,
94.3647

■ 61.3706, 48.9411,
56.2503

■ 93.2348, 99.0642,
108.8151

■ 55.8303, 40.5278,
46.1806

■ 51.2901, 33.8210,
37.3492

■ 47.6852, 28.7015,
29.7036

■ 44.9428, 25.0342,
23.1867

■ 42.9784, 22.6611,
17.7358

■ 41.6876, 21.3857,
13.2788

■ 41.3325, 21.0873,
11.8909

Harmonies

Analogous

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



74.0990, 71.3067, 91.5796



75.6794, 71.3067, 80.2959



75.0762, 71.3067, 69.3250

Triad

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



75.6794, 71.3067, 80.2959



64.8054, 71.3067, 59.1409



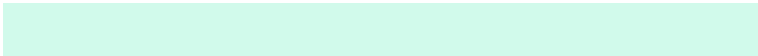
63.2765, 71.3067, 96.5766

Complementary

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



75.6794, 71.3067, 80.2959



75.4783, 87.9266, 91.5949

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.



60.9630, 71.3067, 86.5965



75.6794, 71.3067, 80.2959



61.8212, 71.3067, 65.1935

Square

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



75.6794, 71.3067, 80.2959



68.6957, 71.3067, 57.8087



60.4409, 71.3067, 75.0450



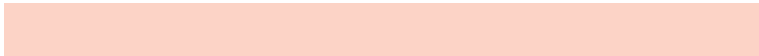
66.8623, 71.3067, 101.5578

Rectangle

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



75.6794, 71.3067, 80.2959



73.5279, 71.3067, 63.5682



60.4409, 71.3067, 75.0450



62.3301, 71.3067, 93.6509

Sweetspot

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



75.6814, 71.3099, 80.2974



89.8418, 91.6233, 100.8759



74.3083, 70.1629, 100.0699



19.0787, 19.3687, 21.3566



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

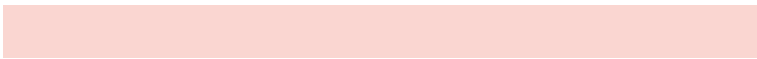
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6814, 71.3099, 80.2974



76.1057, 69.7549, 79.0214



75.1003, 73.2603, 70.5078



17.5070, 17.3302, 19.2598



21.9869, 11.2105, 6.6392



2.0854, 1.0579, 0.8730

Inverse Universe

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



75.6814, 71.3099, 80.2974



76.1057, 69.7549, 79.0214



76.0636, 85.4823, 102.9343



17.5070, 17.3302, 19.2598



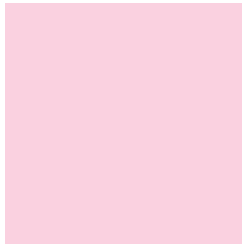
21.9869, 11.2105, 6.6392



2.0854, 1.0579, 0.8730

Previews

White Background



This preview shows how the XYZ color 75.6794, 71.3067, 80.2959 looks on a white background.

Color Contrast Check

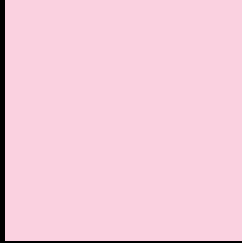
Large Text (above 18pt) WCAG AA × Fail

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 75.6794, 71.3067, 80.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

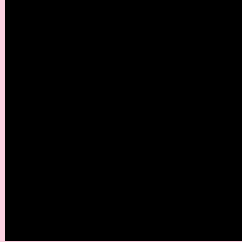
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6794, 71.3067, 80.2959

Background



This preview shows how black text looks on a background with the XYZ color 75.6794, 71.3067, 80.2959.

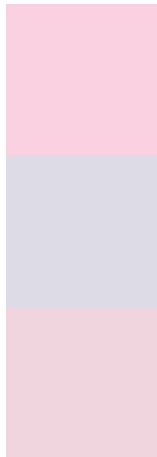


This preview shows how white text looks on a background with the XYZ color 75.6794, 71.3067,

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

75.6794, 71.3067, 80.2959

Protanopia

69.4332, 71.7484, 85.0522

Deuteranopia

73.0487, 71.4415, 79.7515



Tritanopia

75.8154, 71.3612, 81.0123

Trichromacy



Original Color

75.6794, 71.3067, 80.2959

Protanomaly

71.5827, 71.3581, 83.3995

Deuteranomaly

74.1710, 71.6478, 79.7322

Tritanomaly

75.8154, 71.3612, 81.0123

Monochromacy



Original Color

75.6794, 71.3067, 80.2959

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.9950, 72.7942, 80.0682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6794, 71.3067, 80.2959 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.6794, 71.3067, 80.2959 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, 224) }
```


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

```
.border{ border-color:rgb(250, 209, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6794, 71.3067, 80.2959 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, 224) }
```

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

```
.background{ background-color: rgb(250,  
209, 224) }
```

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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