

Converting Colors

XYZ(74.3083, 71.7051, 80.4460)

Have a look what the booklet for
XYZ(74.3083, 71.7051, 80.4460)
contains.

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Color

**XYZ(74.3063, 71.7019,
80.4445)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D4E0
RGB	244, 212, 224
RGB Percent	96%, 83%, 88%
CMY	0.0431, 0.1686, 0.1216
CMYK	0.00, 0.13, 0.08, 0.04
HSL	338°, 59%, 89%
HSV	338°, 13%, 96%
XYZ	74.3063, 71.7019, 80.4445
YIQ	222.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

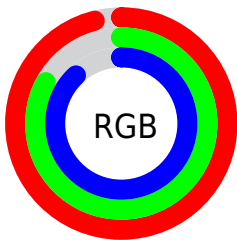
Format	Color
R_{YB}	244, 212, 224
Decimal	16045280
CIE _{Lab}	87.82, 13.09, -1.80
CIE _{LCh}	88, 13.210, 352.187
Y _{xy}	71.7019, 0.3281, 0.3166
Android (android.graphics.Color)	4294235360 (0xFFFF4D4E0)
YUV	222.9360, 0.5246, 18.4731
Hunter-Lab	84.6770, 8.4538, 2.9474

Details

The XYZ color **74.3063, 71.7019, 80.4445** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0704, 84.5266, 88.7594**, and the grayscale version is **70.0844, 73.7342, 80.2966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9574, 37.6699, 42.7011** is the 20% darker color. If you saturate the color by 10%, you get **66.6854, 59.6225, 68.1526**, and if you desaturate by 10%, it is **83.0386, 85.7052, 94.0240**.

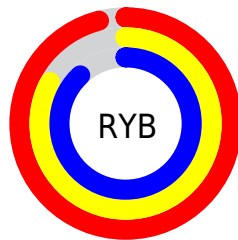
Distribution



Red (96%)

Green (83%)

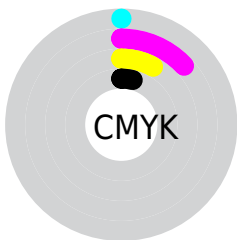
Blue (88%)



Red (96%)

Yellow (83%)

Blue (88%)

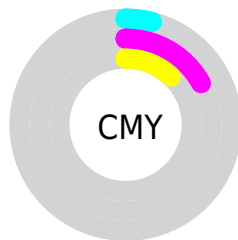


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (4%)



Cyan (4%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3063, 71.7019, 80.4445 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 74.3063, 71.7019, 80.4445 by changing the saturation by 10% instead.


 74.3063, 71.7019,
80.4445

 74.3063, 71.7019,
80.4445


464.5638,
466.5034, 516.1758

 55.3369, 52.9152,
59.5559

124.3231,
121.6326, 135.8075

 39.9065, 37.7351,
42.6378


156.1012,
153.5454, 171.1190

 27.6495, 25.7771,
29.2717


192.8797,
190.6024, 212.0752

 18.2007, 16.6570,
19.0391

235.0238,
233.1879, 259.0947

 11.1948, 9.9902,
11.5215

282.8989,
281.6864, 312.5959

 6.2662, 5.3925,
6.3002

336.8703,

 3.0498, 2.4793,

336.4822, 372.9975

2.9567

397.3036,
397.9597, 440.7179

■ 1.1802, 0.8663,
1.0726

■ 0.0906, 0.0000,
0.0000

■ 74.3063, 71.7019,
80.4445

■ 74.3063, 71.7019,
80.4445

■ 66.6854, 59.6225,
68.1526

■ 83.0386, 85.7052,
94.0240

■ 60.1236, 49.3732,
57.1045

■ 91.0392, 97.9415,
108.2973

■ 54.5737, 40.8665,
47.2603

■ 91.1187, 97.9733,
108.7160

■ 49.9820, 34.0037,
38.5761

■ 46.2901, 28.6764,
31.0050

■ 43.4323, 24.7631,
24.4963

■ 41.3336, 22.1233,
18.9944

■ 39.9036, 20.5872,
14.4370

■ 39.2178, 19.9970,
11.7993

Harmonies

Analogous

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



73.0305, 71.7019, 89.1548



74.3063, 71.7019, 80.4445



73.8930, 71.7019, 71.7242

Triad

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



74.3063, 71.7019, 80.4445



65.8967, 71.7019, 63.1352



64.5169, 71.7019, 92.5378

Complementary

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



74.3063, 71.7019, 80.4445



74.0704, 84.5266, 88.7594

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.



62.7135, 71.7019, 84.7819



74.3063, 71.7019, 80.4445



63.4929, 71.7019, 67.9465

Square

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



74.3063, 71.7019, 80.4445



68.9742, 71.7019, 62.1686



62.3444, 71.7019, 75.7450



67.3334, 71.7019, 96.4777

Rectangle

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



74.3063, 71.7019, 80.4445



72.7209, 71.7019, 67.0295



62.3444, 71.7019, 75.7450



63.7757, 71.7019, 90.2634

Sweetspot

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



74.3083, 71.7051, 80.4460



90.8722, 93.2600, 102.5270



73.0674, 70.7333, 95.3908



19.2871, 19.6987, 21.6941



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

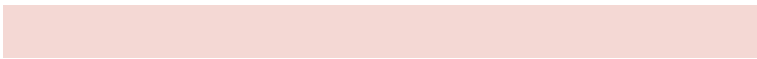
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3083, 71.7051, 80.4460



79.5495, 75.1394, 84.8035



73.6820, 72.9650, 72.4913



16.7561, 16.5853, 18.4622



21.3851, 10.8975, 6.7361



1.9277, 0.9770, 0.8455

Inverse Universe

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



74.3083, 71.7051, 80.4460



79.5495, 75.1394, 84.8035



74.7216, 83.0080, 97.6729



16.7561, 16.5853, 18.4622



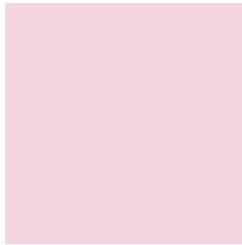
21.3851, 10.8975, 6.7361



1.9277, 0.9770, 0.8455

Previews

White Background



This preview shows how the XYZ color 74.3063, 71.7019, 80.4445 looks on a white background.

Color Contrast Check

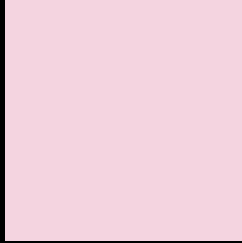
Large Text (above 18pt) WCAG AA × Fail

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 74.3063, 71.7019, 80.4445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

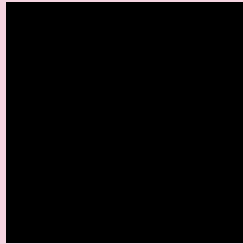
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3063, 71.7019, 80.4445

Background



This preview shows how black text looks on a background with the XYZ color 74.3063, 71.7019, 80.4445.



This preview shows how white text looks on a background with the XYZ color 74.3063, 71.7019,

80.4445.

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

74.3063, 71.7019, 80.4445

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

73.1840, 71.4956, 80.4638



Tritanopia

74.9540, 71.6024, 83.2689

Trichromacy



Original Color

74.3063, 71.7019, 80.4445

Protanomaly

71.0541, 71.4808, 82.7253

Deuteranomaly

73.5244, 71.6711, 80.4798

Tritanomaly

74.8156, 71.5471, 82.5398

Monochromacy



Original Color

74.3063, 71.7019, 80.4445

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6058, 72.9797, 80.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3063, 71.7019, 80.4445 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(244, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 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(244, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.3063, 71.7019, 80.4445 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(244, 212, 224) }
```


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

```
.border{ border-color:rgb(244, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3063, 71.7019, 80.4445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 224) }
```

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

```
.background{ background-color: rgb(244,  
212, 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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