

Converting Colors

XYZ(75.4672, 71.8648, 80.3501)

Have a look what the booklet for
XYZ(75.4672, 71.8648, 80.3501)
contains.

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Color

**XYZ(75.4602, 71.9268,
80.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3E0
RGB	248, 211, 224
RGB Percent	97%, 83%, 88%
CMY	0.0274, 0.1725, 0.1216
CMYK	0.00, 0.15, 0.10, 0.03
HSL	339°, 73%, 90%
HSV	339°, 15%, 97%
XYZ	75.4602, 71.9268, 80.4271
YIQ	223.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

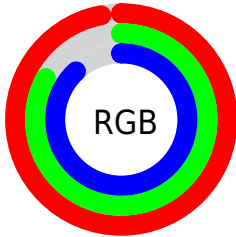
Format	Color
R_{YB}	248, 211, 224
Decimal	16307168
CIE _{Lab}	87.93, 14.99, -1.60
CIE _{LCh}	88, 15.077, 353.924
Yxy	71.9268, 0.3312, 0.3157
Android (android.graphics.Color)	4294497248 (0xFFFF8D3E0)
YUV	223.5450, 0.2243, 21.4470
Hunter-Lab	84.8097, 10.4051, 3.1406

Details

The XYZ color **75.4602, 71.9268, 80.4271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4296, 86.9837, 91.4154**, and the grayscale version is **70.5182, 74.1906, 80.7936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5358, 37.7179, 42.6799** is the 20% darker color. If you saturate the color by 10%, you get **67.6885, 59.7110, 67.5763**, and if you desaturate by 10%, it is **84.3929, 86.1325, 94.6853**.

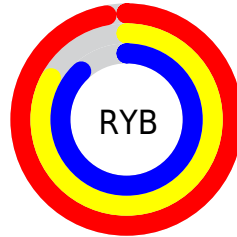
Distribution



Red (97%)

Green (83%)

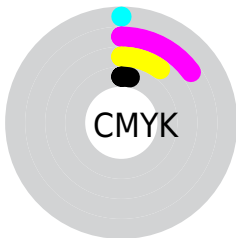
Blue (88%)



Red (97%)

Yellow (83%)

Blue (88%)

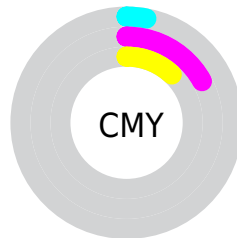


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (3%)



Cyan (3%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4602, 71.9268, 80.4271 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 75.4602, 71.9268, 80.4271 by changing the saturation by 10% instead.


 75.4602, 71.9268,
80.4271

 75.4602, 71.9268,
80.4271

468.4707,
467.2868, 516.1157

 56.2855, 53.0989,
59.5416

125.9480,
121.9525, 135.7829

 40.6698, 37.8817,
42.6264


157.9918,
153.9190, 171.0903

 28.2477, 25.8909,
29.2629


195.0560,
191.0338, 212.0420

 18.6538, 16.7420,
19.0325

237.5060,
233.6814, 259.0567

 11.5229, 10.0507,
11.5167

285.7071,
282.2461, 312.5529

 6.4896, 5.4326,
6.2970

340.0247,

 3.1885, 2.5033,

337.1123, 372.9491

2.9548

400.8241,
398.6644, 440.6639

■ 1.2542, 0.8783,
1.0716

■ 0.1485, 0.0000,
0.0000

■ 75.4602, 71.9268,
80.4271

■ 75.4602, 71.9268,
80.4271

■ 67.6885, 59.7110,
67.5763

■ 84.3929, 86.1325,
94.6853

■ 61.0227, 49.3864,
56.0837

■ 92.5218, 98.6967,
108.7817

■ 55.4119, 40.8602,
45.9039

■ 50.7989, 34.0279,
36.9871

■ 47.1208, 28.7741,
29.2798

■ 44.3071, 24.9689,
22.7243

■ 42.2764, 22.4613,
17.2569

■ 40.9297, 21.0661,
12.8057

■ 40.4369, 20.6467,
10.8959

Harmonies

Analogous

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



74.0962, 71.9268, 90.5429



75.4602, 71.9268, 80.4271



74.8698, 71.9268, 70.5700

Triad

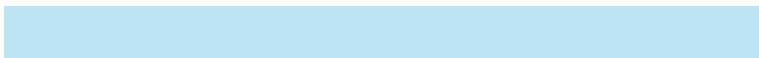
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4602, 71.9268, 80.4271



65.6032, 71.9268, 61.6005



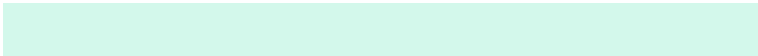
64.3797, 71.9268, 95.4045

Complementary

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



75.4602, 71.9268, 80.4271



75.4296, 86.9837, 91.4154

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.



62.2470, 71.9268, 86.6092



75.4602, 71.9268, 80.4271



62.9358, 71.9268, 67.2427

Square

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



75.4602, 71.9268, 80.4271



69.0975, 71.9268, 60.2578



61.7277, 71.9268, 76.2423



67.6363, 71.9268, 99.6636

Rectangle

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



75.4602, 71.9268, 80.4271



73.4573, 71.9268, 65.3877



61.7277, 71.9268, 76.2423



63.5123, 71.9268, 92.8453

Sweetspot

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



75.4622, 71.9300, 80.4286



90.8347, 93.2450, 102.3294



74.3142, 70.9352, 98.5829



19.2776, 19.6949, 21.6442



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.



75.4622, 71.9300, 80.4286



77.6862, 72.3585, 81.2663



75.0105, 73.7403, 71.9117



17.4964, 17.3259, 19.2037



21.9037, 11.1772, 6.2016



2.0768, 1.0545, 0.8280

Inverse Universe

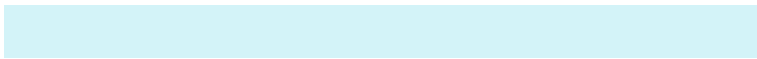
The Inverse Universe completely reimagines the original color for something new.



75.4622, 71.9300, 80.4286



77.6862, 72.3585, 81.2663



75.8801, 84.7692, 101.1706



17.4964, 17.3259, 19.2037



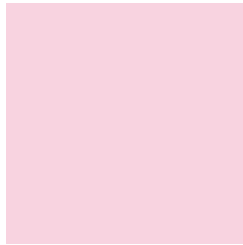
21.9037, 11.1772, 6.2016



2.0768, 1.0545, 0.8280

Previews

White Background



This preview shows how the XYZ color 75.4602, 71.9268, 80.4271 looks on a white background.

Color Contrast Check

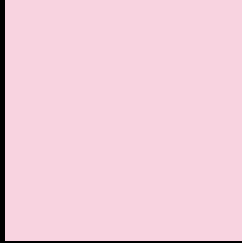
Large Text (above 18pt) WCAG AA × Fail

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 75.4602, 71.9268, 80.4271 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 75.4602, 71.9268, 80.4271

Background



This preview shows how black text looks on a background with the XYZ color 75.4602, 71.9268, 80.4271.



This preview shows how white text looks on a background with the XYZ color 75.4602, 71.9268,

80.4271.

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

75.4602, 71.9268, 80.4271

Protanopia

69.5986, 71.8498, 84.3289

Deuteranopia

73.6415, 72.1216, 79.8516



Tritanopia

75.8708, 72.0910, 82.5892

Trichromacy



Original Color

75.4602, 71.9268, 80.4271

Protanomaly

71.3760, 71.6467, 82.7403

Deuteranomaly

74.4218, 72.1493, 79.8158

Tritanomaly

75.7331, 72.0360, 81.8643

Monochromacy



Original Color

75.4602, 71.9268, 80.4271

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3903, 73.3685, 80.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4602, 71.9268, 80.4271 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, 211, 224) looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 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(248, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.4602, 71.9268, 80.4271 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, 211, 224) }
```


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

```
.border{ border-color:rgb(248, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4602, 71.9268, 80.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 224) }
```

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

```
.background{ background-color: rgb(248,  
211, 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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