

Converting Colors

XYZ(76.6038, 71.4860, 84.8025)

Have a look what the booklet for
XYZ(76.6038, 71.4860, 84.8025)
contains.

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Color

**XYZ(76.6225, 71.3342,
84.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0E6
RGB	251, 208, 230
RGB Percent	98%, 82%, 90%
CMY	0.0157, 0.1843, 0.0980
CMYK	0.00, 0.17, 0.08, 0.02
HSL	329°, 84%, 90%
HSV	329°, 17%, 98%
XYZ	76.6225, 71.3342, 84.5933
YIQ	223.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

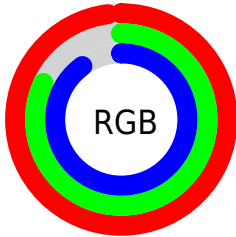
Format	Color
R _Y B	251, 208, 230
Decimal	16503014
CIE Lab	87.65, 18.59, -5.16
CIE LCh	88, 19.294, 344.492
Yxy	71.3342, 0.3295, 0.3067
Android (android.graphics.Color)	4294693094 (0xFFFBD0E6)
YUV	223.3650, 3.2711, 24.2359
Hunter-Lab	84.4596, 14.1326, -0.2622

Details

The XYZ color **76.6225, 71.3342, 84.5933** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6554, 88.0634, 87.1962**, and the grayscale version is **70.3687, 74.0334, 80.6224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3772, 37.3469, 45.5853** is the 20% darker color. If you saturate the color by 10%, you get **69.3193, 59.3860, 73.9618**, and if you desaturate by 10%, it is **85.0193, 85.2739, 96.1884**.

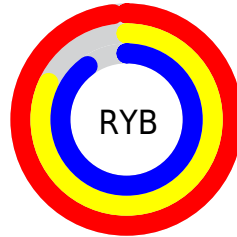
Distribution



Red (98%)

Green (82%)

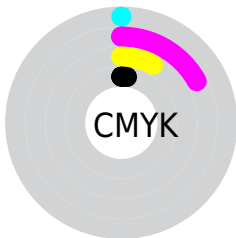
Blue (90%)



Red (98%)

Yellow (82%)

Blue (90%)

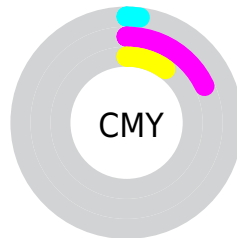


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6225, 71.3342, 84.5933 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 76.6225, 71.3342, 84.5933 by changing the saturation by 10% instead.

76.6225, 71.3342,
84.5933

76.6225, 71.3342,
84.5933

472.3877,
465.2209, 530.3908

57.2419, 52.6150,
62.9572

127.5821,
121.1095, 141.6739

41.4404, 37.4955,
45.3658

159.8919,
152.9343, 177.9555

28.8526, 25.5914,
31.4006

197.2422,
189.8964, 219.9560

19.1130, 16.5182,
20.6431

239.9982,
232.3803, 268.0939

11.8565, 9.8916,
12.6747

288.5255,
280.7703, 322.7878

6.7175, 5.3271,
7.0768

343.1892,

3.3308, 2.4404,

335.4508, 384.4562

3.4310

404.3548,
396.8062, 453.5177

■ 1.3310, 0.8466,
1.3187

■ 0.2063, 0.0000,
0.0770

■ 76.6225, 71.3342,
84.5933

■ 76.6225, 71.3342,
84.5933

■ 69.3193, 59.3860,
73.9618

■ 85.0193, 85.2739,
96.1884

■ 63.0556, 49.3281,
64.2612

■ 93.5170, 99.2186,
108.4256

■ 57.7819, 41.0642,
55.4632

■ 93.5941, 99.2495,
108.8319

■ 53.4419, 34.4862,
47.5361

■ 49.9733, 29.4740,
40.4456

■ 47.3058, 25.8913,
34.1543

■ 45.3571, 23.5783,
28.6201

■ 44.0221, 22.3298,
23.7928

■ 43.7072, 22.0787,
22.5205

Harmonies

Analogous

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



74.1452, 71.3342, 97.0344



76.6225, 71.3342, 84.5933



76.6663, 71.3342, 71.5440

Triad

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



76.6225, 71.3342, 84.5933



65.6265, 71.3342, 55.7713



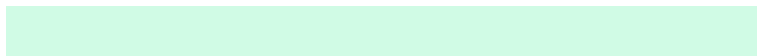
61.7259, 71.3342, 96.6688

Complementary

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



76.6225, 71.3342, 84.5933



74.6554, 88.0634, 87.1962

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.



59.6470, 71.3342, 84.1378



76.6225, 71.3342, 84.5933



61.8294, 71.3342, 61.0716

Square

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



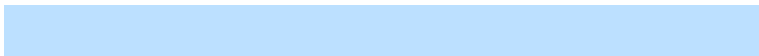
76.6225, 71.3342, 84.5933



70.1769, 71.3342, 55.8640



59.6840, 71.3342, 71.1367



65.4794, 71.3342, 104.5215

Rectangle

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



76.6225, 71.3342, 84.5933



75.3018, 71.3342, 64.2778



59.6840, 71.3342, 71.1367



60.8157, 71.3342, 92.8058

Sweetspot

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



76.6246, 71.3374, 84.5948



90.1300, 91.7386, 102.3936



72.2153, 68.7028, 100.7226



19.1487, 19.3967, 21.7252



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

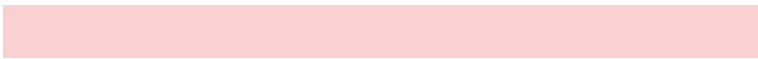
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6246, 71.3374, 84.5948



76.3529, 68.8919, 83.2885



73.8157, 70.2138, 69.8038



17.6153, 17.3735, 19.8297



23.0479, 11.6349, 12.2268



2.1882, 1.0990, 1.4145

Inverse Universe

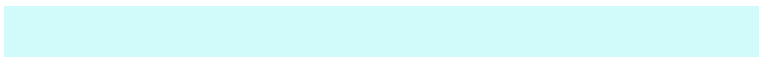
The Inverse Universe completely reimagines the original color for something new.



76.6246, 71.3374, 84.5948



76.3529, 68.8919, 83.2885



77.8117, 89.3259, 103.8172



17.6153, 17.3735, 19.8297



23.0479, 11.6349, 12.2268



2.1882, 1.0990, 1.4145

Previews

White Background



This preview shows how the XYZ color 76.6225, 71.3342, 84.5933 looks on a white background.

Color Contrast Check

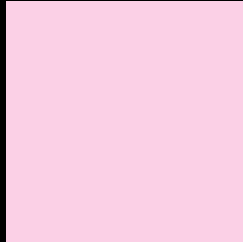
Large Text (above 18pt) WCAG AA × Fail

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 76.6225, 71.3342, 84.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

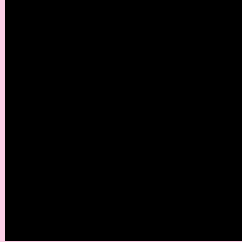
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6225, 71.3342, 84.5933

Background



This preview shows how black text looks on a background with the XYZ color 76.6225, 71.3342, 84.5933.



This preview shows how white text looks on a background with the XYZ color 76.6225, 71.3342,

84.5933.

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

76.6225, 71.3342, 84.5933

Protanopia

69.6853, 71.7792, 89.5389

Deuteranopia

72.8622, 71.2502, 84.0411



Tritanopia

75.8154, 71.3612, 81.0123

Trichromacy



Original Color

76.6225, 71.3342, 84.5933

Protanomaly

72.1067, 71.5303, 87.8482

Deuteranomaly

74.0551, 71.1229, 83.9537

Tritanomaly

76.0899, 71.4710, 82.4579

Monochromacy



Original Color

76.6225, 71.3342, 84.5933

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.4031, 72.9574, 82.2176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6225, 71.3342, 84.5933 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(251, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 230)  
}
```

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(251, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.6225, 71.3342, 84.5933 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(251, 208, 230) }
```


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

```
.border{ border-color:rgb(251, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6225, 71.3342, 84.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 230) }
```

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

```
.background{ background-color: rgb(251,  
208, 230) }
```

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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