

Converting Colors

XYZ(76.3859, 70.2853, 79.2072)

Have a look what the booklet for
XYZ(76.3859, 70.2853, 79.2072)
contains.

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Color

**XYZ(76.3906, 70.2504,
79.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDDF
RGB	255, 205, 223
RGB Percent	100%, 80%, 87%
CMY	0.0000, 0.1961, 0.1255
CMYK	0.00, 0.20, 0.13, 0.00
HSL	338°, 100%, 90%
HSV	338°, 20%, 100%
XYZ	76.3906, 70.2504, 79.3455
YIQ	222.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

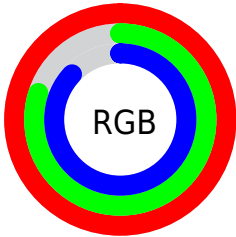
Format	Color
R _{YB}	255, 205, 223
Decimal	16764383
CIE Lab	87.12, 20.40, -2.18
CIE LCh	87, 20.512, 353.885
Yxy	70.2504, 0.3380, 0.3109
Android (android.graphics.Color)	4294954463 (0xFFFFCDDF)
YUV	222.0020, 0.4920, 28.9392
Hunter-Lab	83.8155, 16.0102, 2.5429

Details

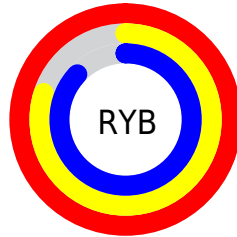
The XYZ color **76.3906, 70.2504, 79.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2253, 90.6147, 93.5973**, and the grayscale version is **69.4189, 73.0340, 79.5341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4232, 36.9661, 41.9977** is the 20% darker color. If you saturate the color by 10%, you get **68.6851, 58.1928, 66.4389**, and if you desaturate by 10%, it is **85.3056, 84.3869, 93.7037**.

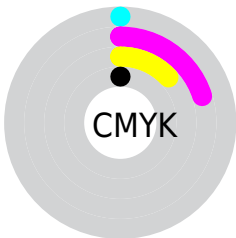
Distribution



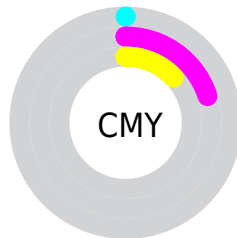
- Red (100%)
- Green (80%)
- Blue (87%)



- Red (100%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3906, 70.2504, 79.3455 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 76.3906, 70.2504, 79.3455 by changing the saturation by 10% instead.

76.3906, 70.2504,
79.3455

76.3906, 70.2504,
79.3455

471.6076,
461.4287, 512.3729

57.0510, 51.7307,
58.6569

127.2563,
119.5658, 134.2482

41.2865, 36.7905,
41.9188

159.5132,
151.1302, 169.2994

28.7317, 25.0453,
28.7126

196.8065,
187.8117, 209.9753

19.0212, 16.1108,
18.6198

239.5016,
229.9947, 256.6943

11.7897, 9.6026,
11.2219

287.9640,
278.0635, 309.8750

6.6718, 5.1363,
6.1002

342.5588,

3.3022, 2.3274,

332.4025, 369.9360

2.8363

403.6516,
393.3961, 437.2958

■ 1.3155, 0.7882,
1.0117

■ 0.1948, 0.0000,
0.0000

■ 76.3906, 70.2504,
79.3455

■ 76.3906, 70.2504,
79.3455

■ 68.6851, 58.1928,
66.4389

■ 85.3056, 84.3869,
93.7037

■ 62.1302, 48.1067,
54.9319

95.0500, 100.0000,
108.9000

■ 56.6690, 39.8882,
44.7759

■ 52.2380, 33.4206,
35.9174

■ 48.7666, 28.5737,
28.2986

■ 46.1746, 25.1991,
21.8569

■ 44.3677, 23.1202,
16.5224

■ 43.2016, 22.0621,
12.2057

■ 43.1625, 22.0290,
12.0535

Harmonies

Analogous

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



74.5205, 70.2504, 93.1799



76.3906, 70.2504, 79.3455



75.5850, 70.2504, 66.2640

Triad

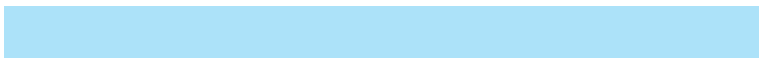
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3906, 70.2504, 79.3455



63.0974, 70.2504, 54.7475



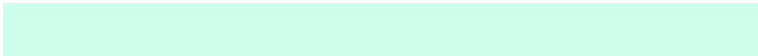
61.4693, 70.2504, 99.9330

Complementary

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



76.3906, 70.2504, 79.3455



76.2253, 90.6147, 93.5973

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.



58.6701, 70.2504, 87.7190



76.3906, 70.2504, 79.3455



59.5781, 70.2504, 61.9237

Square

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



76.3906, 70.2504, 79.3455



67.7604, 70.2504, 53.0712



57.9947, 70.2504, 73.7053



65.7911, 70.2504, 105.9497

Rectangle

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



76.3906, 70.2504, 79.3455



73.6574, 70.2504, 59.5669



57.9947, 70.2504, 73.7053



60.3276, 70.2504, 96.3502

Sweetspot

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



76.3923, 70.2534, 79.3470



88.8249, 90.0089, 99.2440



74.6974, 68.8332, 103.9569



18.8731, 19.0431, 21.0244



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.



76.3923, 70.2534, 79.3470



72.8599, 64.7036, 73.4987



75.7218, 72.5912, 67.7821



18.2795, 18.0951, 20.0891



22.6180, 11.5365, 6.6389



2.2523, 1.1433, 0.9098

Inverse Universe

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



76.3923, 70.2534, 79.3470



72.8599, 64.7036, 73.4987



76.8988, 87.5405, 107.4517



18.2795, 18.0951, 20.0891



22.6180, 11.5365, 6.6389



2.2523, 1.1433, 0.9098

Previews

White Background



This preview shows how the XYZ color 76.3906, 70.2504, 79.3455 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 76.3906, 70.2504, 79.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

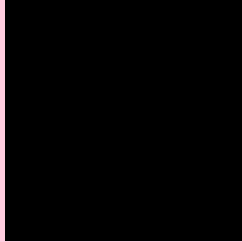
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3906, 70.2504, 79.3455

Background



This preview shows how black text looks on a background with the XYZ color 76.3906, 70.2504, 79.3455.



This preview shows how white text looks on a background with the XYZ color 76.3906, 70.2504,

79.3455.

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

76.3906, 70.2504, 79.3455

Protanopia

68.3092, 70.3989, 84.8510

Deuteranopia

71.9882, 70.5380, 78.9283



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

76.3906, 70.2504, 79.3455

Protanomaly

70.9381, 70.2904, 82.5016

Deuteranomaly

73.2935, 70.1080, 78.7764

Tritanomaly

76.2561, 70.1966, 78.6374

Monochromacy



Original Color

76.3906, 70.2504, 79.3455

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.6724, 71.8781, 79.2036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3906, 70.2504, 79.3455 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(255, 205, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 223)  
}
```

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(255, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 223) }
```

Border

The CSS property to change the border of an element to XYZ 76.3906, 70.2504, 79.3455 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(255, 205, 223) }
```


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

```
.border{ border-color:rgb(255, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3906, 70.2504, 79.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 223) }
```

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

```
.background{ background-color: rgb(255,  
205, 223) }
```

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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