

Converting Colors

XYZ(76.0394, 70.4556, 80.2284)

Have a look what the booklet for
XYZ(76.0394, 70.4556, 80.2284)
contains.

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Color

**XYZ(76.0339, 70.4071,
80.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEE0
RGB	253, 206, 224
RGB Percent	99%, 81%, 88%
CMY	0.0078, 0.1921, 0.1216
CMYK	0.00, 0.19, 0.11, 0.01
HSL	337°, 92%, 90%
HSV	337°, 19%, 99%
XYZ	76.0339, 70.4071, 80.1035
YIQ	222.1050, 22.2340, 15.5620

Conversions

Conversions Part 2

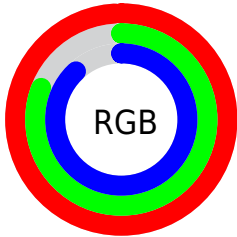
Format	Color
R _Y B	253, 206, 224
Decimal	16633568
CIE Lab	87.20, 19.34, -2.62
CIE LCh	87, 19.518, 352.273
Yxy	70.4071, 0.3356, 0.3108
Android (android.graphics.Color)	4294823648 (0xFFFDCEE0)
YUV	222.1050, 0.9342, 27.0949
Hunter-Lab	83.9089, 14.9067, 2.1352

Details

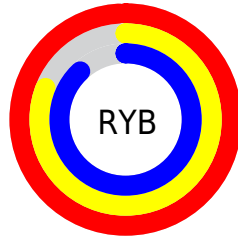
The XYZ color **76.0339, 70.4071, 80.1035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5771, 89.3724, 91.8689**, and the grayscale version is **69.4896, 73.1085, 79.6152**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1546, 37.0568, 42.5197** is the 20% darker color. If you saturate the color by 10%, you get **68.4057, 58.3844, 67.5898**, and if you desaturate by 10%, it is **84.8409, 84.4745, 93.9710**.

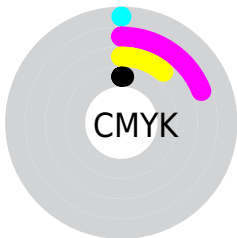
Distribution



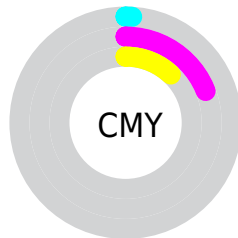
- Red (99%)
- Green (81%)
- Blue (88%)



- Red (99%)
- Yellow (81%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (1%)





- Cyan (1%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0339, 70.4071, 80.1035 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 76.0339, 70.4071, 80.1035 by changing the saturation by 10% instead.


 76.0339, 70.4071,
80.1035

 76.0339, 70.4071,
80.1035


470.4063,
461.9781, 514.9975

 56.7575, 51.8585,
59.2769


126.7549,
119.7891, 135.3240

 41.0499, 36.8923,
42.4146

158.9302,
151.3913, 170.5548

 28.5459, 25.1241,
29.0980

196.1358,
188.1135, 211.4242

 18.8802, 16.1695,
18.9088

238.7372,
230.3401, 258.3507

 11.6872, 9.6442,
11.4282

287.0995,
278.4554, 311.7527

 6.6017, 5.1637,
6.2379

341.5882,

 3.2584, 2.3436,

332.8440, 372.0488

2.9191

402.5687,
393.8901, 439.6576

■ 1.2918, 0.7967,
1.0535

■ 0.1771, 0.0000,
0.0000

■ 76.0339, 70.4071,
80.1035

■ 76.0339, 70.4071,
80.1035

■ 68.4057, 58.3844,
67.5898

■ 84.8409, 84.4745,
93.9710

■ 61.8982, 48.3011,
56.3824

94.3184, 99.6229,
108.8658

■ 56.4574, 40.0571,
46.4373

■ 52.0221, 33.5392,
37.7061

■ 48.5247, 28.6215,
30.1368

■ 45.8885, 25.1609,
23.6727

■ 44.0237, 22.9882,
18.2510

■ 42.8047, 21.8640,
13.7945

■ 42.6605, 21.7437,
13.2282

Harmonies

Analogous

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



74.1318, 70.4071, 93.1578



76.0339, 70.4071, 80.1035



75.4070, 70.4071, 67.4912

Triad

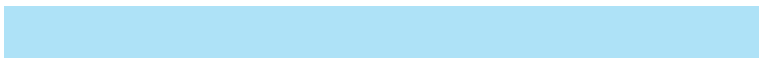
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0339, 70.4071, 80.1035



63.6362, 70.4071, 55.6051



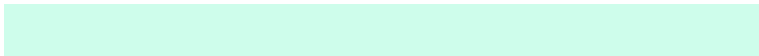
61.6731, 70.4071, 98.3968

Complementary

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



76.0339, 70.4071, 80.1035



75.5771, 89.3724, 91.8689

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.



59.0946, 70.4071, 86.6266



76.0339, 70.4071, 80.1035



60.1915, 70.4071, 62.2373

Square

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



76.0339, 70.4071, 80.1035



68.1112, 70.4071, 54.2810



58.5648, 70.4071, 73.3193



65.7425, 70.4071, 104.4765

Rectangle

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



76.0339, 70.4071, 80.1035



73.6519, 70.4071, 60.9125



58.5648, 70.4071, 73.3193



60.6110, 70.4071, 94.9147

Sweetspot

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



76.0359, 70.4102, 80.1050



88.8787, 90.0304, 99.5272



74.0590, 68.8973, 102.3246



18.8858, 19.0482, 21.0912



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.



76.0359, 70.4102, 80.1050



74.6093, 67.2484, 77.0235



75.0656, 72.1711, 68.3704



18.2972, 18.1022, 20.1822



22.7591, 11.5929, 7.3821



2.2673, 1.1493, 0.9891

Inverse Universe

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



76.0359, 70.4102, 80.1050



74.6093, 67.2484, 77.0235



76.6046, 87.0536, 105.6950



18.2972, 18.1022, 20.1822



22.7591, 11.5929, 7.3821



2.2673, 1.1493, 0.9891

Previews

White Background



This preview shows how the XYZ color 76.0339, 70.4071, 80.1035 looks on a white background.

Color Contrast Check

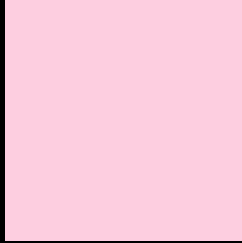
Large Text (above 18pt) WCAG AA × Fail

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 76.0339, 70.4071, 80.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

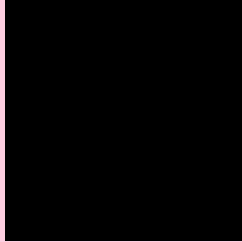
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0339, 70.4071, 80.1035

Background



This preview shows how black text looks on a background with the XYZ color 76.0339, 70.4071, 80.1035.



This preview shows how white text looks on a background with the XYZ color 76.0339, 70.4071,

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

76.0339, 70.4071, 80.1035

Protanopia

68.4501, 70.4553, 85.5928

Deuteranopia

72.1227, 70.5918, 79.6363



Tritanopia

75.7641, 70.2992, 78.6831

Trichromacy



Original Color

76.0339, 70.4071, 80.1035

Protanomaly

70.7528, 70.1789, 83.2156

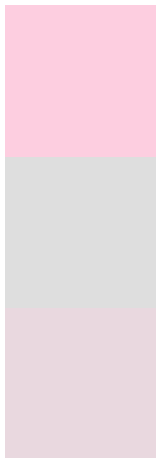
Deuteranomaly

73.3280, 70.4756, 79.5504

Tritanomaly

75.8986, 70.3530, 79.3912

Monochromacy



Original Color

76.0339, 70.4071, 80.1035

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.4794, 71.7631, 79.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0339, 70.4071, 80.1035 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(253, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.0339, 70.4071, 80.1035 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(253, 206, 224) }
```


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

```
.border{ border-color:rgb(253, 206, 224) }
```

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

Here you see how a box with a 4 pixel rgb(253, 206, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0339, 70.4071, 80.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 224) }
```

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

```
.background{ background-color: rgb(253,  
206, 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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