

Converting Colors

XYZ(76.2504, 70.7662, 80.4010)

Have a look what the booklet for
XYZ(76.2504, 70.7662, 80.4010)
contains.

XYZ(76.2754, 70.8901, 80.1840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2754, 70.8901,
80.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCFE0
RGB	253, 207, 224
RGB Percent	99%, 81%, 88%
CMY	0.0078, 0.1882, 0.1216
CMYK	0.00, 0.18, 0.11, 0.01
HSL	338°, 92%, 90%
HSV	338°, 18%, 99%
XYZ	76.2754, 70.8901, 80.1840
YIQ	222.6920, 21.9590, 15.0390

Conversions

Conversions Part 2

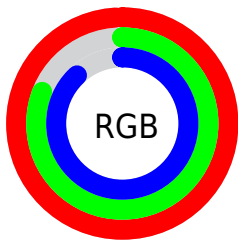
Format	Color
R _Y B	253, 207, 224
Decimal	16633824
CIE Lab	87.43, 18.82, -2.28
CIE LCh	87, 18.954, 353.095
Yxy	70.8901, 0.3355, 0.3118
Android (android.graphics.Color)	4294823904 (0xFFFDCE0)
YUV	222.6920, 0.6448, 26.5801
Hunter-Lab	84.1963, 14.3640, 2.4728

Details

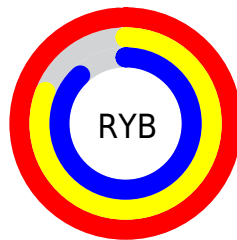
The XYZ color **76.2754, 70.8901, 80.1840** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0006, 89.5740, 92.6451**, and the grayscale version is **69.9071, 73.5477, 80.0934**.

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 **68.5675, 58.7749, 67.4374**, and if you desaturate by 10%, it is **85.1725, 85.0570, 94.3300**.

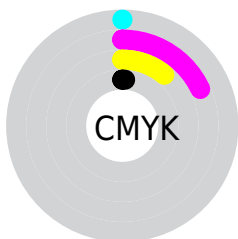
Distribution



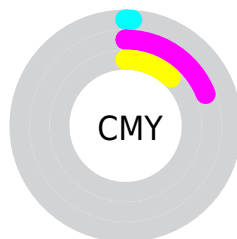
- Red (99%)
- Green (81%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2754, 70.8901, 80.1840 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 76.2754, 70.8901, 80.1840 by changing the saturation by 10% instead.


 76.2754, 70.8901,
80.1840

 76.2754, 70.8901,
80.1840


471.2198,
463.6692, 515.2758

 56.9562, 52.2525,
59.3427


127.0944,
120.4772, 135.4381

 41.2101, 37.2064,
42.4672

159.3249,
152.1956, 170.6881

 28.6717, 25.3673,
29.1390


196.5900,
189.0429, 211.5780

 18.9756, 16.3509,
18.9395


239.2548,
231.4037, 258.5264

 11.7566, 9.7728,
11.4502

287.6849,
279.6624, 311.9518

 6.6492, 5.2486,
6.2526

342.2455,

 3.2880, 2.3939,

334.2032, 372.2728

2.9280

403.3020,
395.4107, 439.9080

■ 1.3079, 0.8227,
1.0580

■ 0.1891, 0.0000,
0.0000

■ 76.2754, 70.8901,
80.1840

■ 76.2754, 70.8901,
80.1840

■ 68.5675, 58.7749,
67.4374

■ 85.1725, 85.0570,
94.3300

■ 61.9904, 48.6063,
56.0409

94.3184, 99.6229,
108.8658

■ 56.4899, 40.2842,
45.9487

■ 52.0047, 33.6958,
37.1102

■ 48.4669, 28.7155,
29.4713

■ 45.7999, 25.2010,
22.9733

■ 43.9139, 22.9841,
17.5506

■ 42.6877, 21.8345,
13.1249

■ 42.5058, 21.6818,
12.4136

Harmonies

Analogous

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



74.4870, 70.8901, 92.9295



76.2754, 70.8901, 80.1840



75.5970, 70.8901, 67.9300

Triad

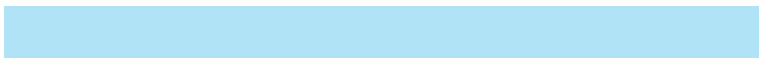
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2754, 70.8901, 80.1840



64.0638, 70.8901, 56.6894



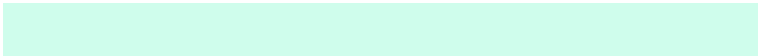
62.3492, 70.8901, 98.5876

Complementary

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



76.2754, 70.8901, 80.1840



76.0006, 89.5740, 92.6451

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.



59.7791, 70.8901, 87.2496



76.2754, 70.8901, 80.1840



60.7381, 70.8901, 63.3315

Square

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



76.2754, 70.8901, 80.1840



68.4173, 70.8901, 55.2415



59.2026, 70.8901, 74.2661



66.3511, 70.8901, 104.2891

Rectangle

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



76.2754, 70.8901, 80.1840



73.8510, 70.8901, 61.5637



59.2026, 70.8901, 74.2661



61.2965, 70.8901, 95.2529

Sweetspot

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



76.2774, 70.8933, 80.1855



89.8491, 91.6262, 100.9144



74.4272, 69.4456, 102.4111



19.0804, 19.3694, 21.3660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

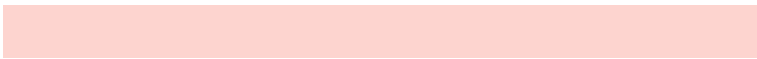
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2774, 70.8933, 80.1855



74.5096, 67.2085, 76.4984



75.4082, 72.6613, 69.0859



18.2869, 18.0981, 20.1278



22.6755, 11.5595, 6.9416



2.2584, 1.1457, 0.9422

Inverse Universe

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



76.2774, 70.8933, 80.1855



74.5096, 67.2085, 76.4984



76.9189, 87.2688, 105.7200



18.2869, 18.0981, 20.1278



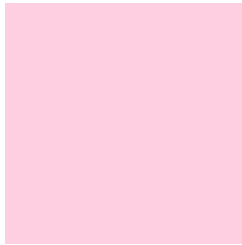
22.6755, 11.5595, 6.9416



2.2584, 1.1457, 0.9422

Previews

White Background



This preview shows how the XYZ color 76.2754, 70.8901, 80.1840 looks on a white background.

Color Contrast Check

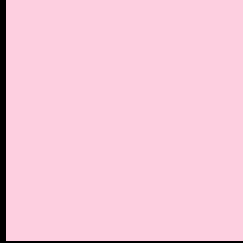
Large Text (above 18pt) WCAG AA × Fail

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 76.2754, 70.8901, 80.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

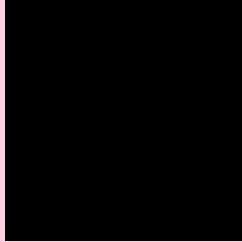
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2754, 70.8901, 80.1840

Background



This preview shows how black text looks on a background with the XYZ color 76.2754, 70.8901, 80.1840.



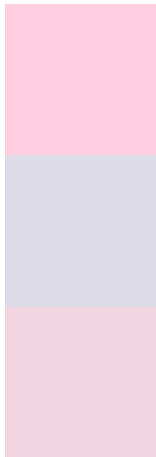
This preview shows how white text looks on a background with the XYZ color 76.2754, 70.8901,

80.1840.

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

76.2754, 70.8901, 80.1840

Protanopia

69.0104, 71.1280, 85.6931

Deuteranopia

72.7101, 71.2669, 79.7357



Tritanopia

76.1401, 70.8360, 79.4717

Trichromacy



Original Color

76.2754, 70.8901, 80.1840

Protanomaly

71.3289, 70.8504, 83.3148

Deuteranomaly

73.9218, 71.1493, 79.6491

Tritanomaly

76.1401, 70.8360, 79.4717

Monochromacy



Original Color

76.2754, 70.8901, 80.1840

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.0638, 72.4458, 79.9973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2754, 70.8901, 80.1840 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, 207, 224) looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 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, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.2754, 70.8901, 80.1840 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, 207, 224) }
```


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

```
.border{ border-color:rgb(253, 207, 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, 207, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2754, 70.8901, 80.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 224) }
```

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

```
.background{ background-color: rgb(253,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor