

Converting Colors

XYZ(74.6307, 67.6527, 80.0093)

Have a look what the booklet for
XYZ(74.6307, 67.6527, 80.0093)
contains.

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Color

**XYZ(74.7529, 67.6274,
80.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC8E1
RGB	253, 200, 225
RGB Percent	99%, 78%, 88%
CMY	0.0078, 0.2157, 0.1176
CMYK	0.00, 0.21, 0.11, 0.01
HSL	332°, 93%, 89%
HSV	332°, 21%, 99%
XYZ	74.7529, 67.6274, 80.3477
YIQ	218.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

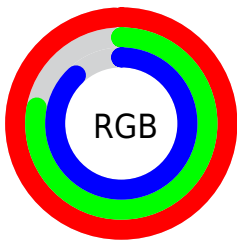
Format	Color
R _Y B	253, 200, 225
Decimal	16632033
CIE Lab	85.82, 22.65, -5.18
CIE LCh	86, 23.236, 347.118
Yxy	67.6274, 0.3356, 0.3036
Android (android.graphics.Color)	4294822113 (0xFFFDC8E1)
YUV	218.6970, 3.1074, 30.0837
Hunter-Lab	82.2359, 18.3448, -0.3636

Details

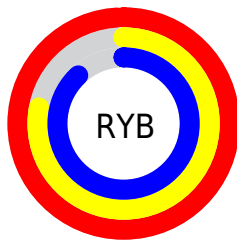
The XYZ color **74.7529, 67.6274, 80.3477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9510, 88.1332, 86.5693**, and the grayscale version is **67.0914, 70.5854, 76.8675**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2995, 35.1958, 42.6997** is the 20% darker color. If you saturate the color by 10%, you get **67.6187, 56.1634, 69.3224**, and if you desaturate by 10%, it is **83.0033, 81.0936, 92.4510**.

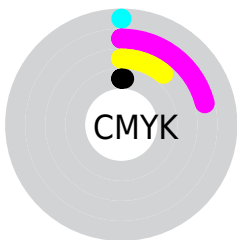
Distribution



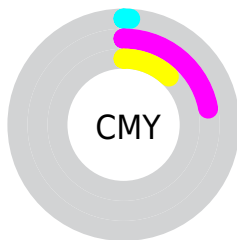
- Red (99%)
- Green (78%)
- Blue (88%)



- Red (99%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7529, 67.6274, 80.3477 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 74.7529, 67.6274, 80.3477 by changing the saturation by 10% instead.

 74.7529, 67.6274,
80.3477

 74.7529, 67.6274,
80.3477


466.0781,
452.1747, 515.8415

 55.7039, 49.5947,
59.4767


124.9523,
115.8190, 135.6703

 40.2017, 35.0914,
42.5744


156.8335,
146.7466, 170.9589

 27.8807, 23.7333,
29.2224

193.7227,
182.7413, 211.8905

 18.3758, 15.1359,
19.0021

235.9854,
224.1874, 258.8835

 11.3214, 8.9148,
11.4950

283.9870,
271.4695, 312.3566

 6.3523, 4.6857,
6.2825

338.0927,

 3.1032, 2.0640,

324.9718, 372.7283

2.9460

398.6680,
385.0787, 440.4171

■ 1.2086, 0.6443,
1.0671

■ 0.1131, 0.0000,
0.0000

■ 74.7529, 67.6274,
80.3477

■ 74.7529, 67.6274,
80.3477

■ 67.6187, 56.1634,
69.3224

■ 83.0033, 81.0936,
92.4510

■ 61.5440, 46.5959,
59.3379

■ 92.4115, 96.6429,
105.6594

■ 56.4757, 38.8232,
50.3606

■ 94.3184, 99.6229,
108.8658

■ 52.3534, 32.7303,
42.3531

■ 49.1101, 28.1889,
35.2751

■ 46.6691, 25.0517,
29.0824

■ 44.9390, 23.1423,
23.7247

■ 43.8580, 22.2227,
19.5345

Harmonies

Analogous

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



72.0529, 67.6274, 95.3778



74.7529, 67.6274, 80.3477



74.5371, 67.6274, 65.3593

Triad

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



74.7529, 67.6274, 80.3477



61.3193, 67.6274, 49.0765



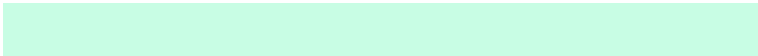
57.5776, 67.6274, 97.2053

Complementary

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



74.7529, 67.6274, 80.3477



72.9510, 88.1332, 86.5693

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.



55.0059, 67.6274, 82.5807



74.7529, 67.6274, 80.3477



57.0832, 67.6274, 55.4760

Square

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



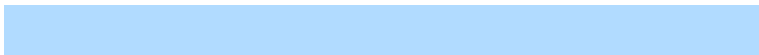
74.7529, 67.6274, 80.3477



66.5809, 67.6274, 48.6510



54.8301, 67.6274, 67.3065



62.0284, 67.6274, 105.9742

Rectangle

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



74.7529, 67.6274, 80.3477



72.7674, 67.6274, 57.3618



54.8301, 67.6274, 67.3065



56.4757, 67.6274, 92.7264

Sweetspot

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



74.7548, 67.6304, 80.3491



89.0874, 90.1139, 100.6263



70.1861, 64.7970, 101.7373



18.9351, 19.0679, 21.3507



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.



74.7548, 67.6304, 80.3491



73.0189, 63.8682, 77.1083



71.7952, 66.7749, 63.7520



18.3660, 18.1297, 20.5446



23.4030, 11.8505, 10.7724



2.3333, 1.1757, 1.3368

Inverse Universe

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



74.7548, 67.6304, 80.3491



73.0189, 63.8682, 77.1083



76.3982, 89.0669, 106.0945



18.3660, 18.1297, 20.5446



23.4030, 11.8505, 10.7724



2.3333, 1.1757, 1.3368

Previews

White Background



This preview shows how the XYZ color 74.7529, 67.6274, 80.3477 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 74.7529, 67.6274, 80.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

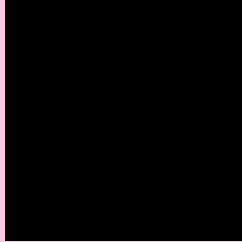
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7529, 67.6274, 80.3477

Background



This preview shows how black text looks on a background with the XYZ color 74.7529, 67.6274, 80.3477.



This preview shows how white text looks on a background with the XYZ color 74.7529, 67.6274,

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

74.7529, 67.6274, 80.3477

Protanopia

65.9428, 67.6178, 86.6668

Deuteranopia

69.1539, 67.5953, 79.2144



Tritanopia

73.5559, 67.4785, 74.7935

Trichromacy



Original Color

74.7529, 67.6274, 80.3477

Protanomaly

68.8337, 67.3189, 84.2288

Deuteranomaly

71.2210, 67.5697, 79.8095

Tritanomaly

73.9498, 67.6360, 76.8676

Monochromacy



Original Color

74.7529, 67.6274, 80.3477

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.5496, 69.2963, 78.1165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7529, 67.6274, 80.3477 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, 200, 225)` looks like.

```
.text, #text, p{  
    color:rgb(253, 200, 225)  
}
```

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, 200, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 200, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.7529, 67.6274, 80.3477 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, 200, 225) }
```


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

```
.border{ border-color:rgb(253, 200, 225) }
```

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

Here you see how a box with a 4 pixel rgb(253, 200, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 200, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 200, 225);  
box-shadow:4px 4px 4px 4px rgb(253, 200,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7529, 67.6274, 80.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 200, 225) }
```

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

```
.background{ background-color: rgb(253,  
200, 225) }
```

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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