

Converting Colors

XYZ(75.2542, 67.5064, 80.4195)

Have a look what the booklet for
XYZ(75.2542, 67.5064, 80.4195)
contains.

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Color

**XYZ(75.2540, 67.5431,
80.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7E1
RGB	255, 199, 225
RGB Percent	100%, 78%, 88%
CMY	0.0000, 0.2196, 0.1176
CMYK	0.00, 0.22, 0.12, 0.00
HSL	332°, 100%, 89%
HSV	332°, 22%, 100%
XYZ	75.2540, 67.5431, 80.3050
YIQ	218.7080, 25.0300, 19.9580

Conversions

Conversions Part 2

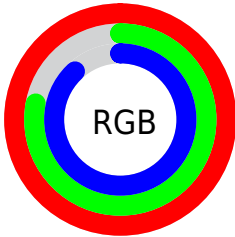
Format	Color
R _Y B	255, 199, 225
Decimal	16762849
CIE Lab	85.78, 23.86, -5.22
CIE LCh	86, 24.427, 347.658
Yxy	67.5431, 0.3373, 0.3027
Android (android.graphics.Color)	4294952929 (0xFFFFC7E1)
YUV	218.7080, 3.1020, 31.8281
Hunter-Lab	82.1846, 19.6241, -0.4048

Details

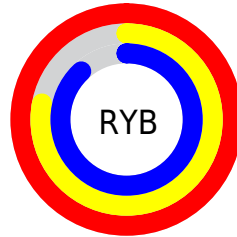
The XYZ color **75.2540, 67.5431, 80.3050** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4583, 89.3204, 87.5011**, and the grayscale version is **67.0982, 70.5925, 76.8752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6698, 35.1588, 42.6730** is the 20% darker color. If you saturate the color by 10%, you get **68.0813, 56.0618, 69.0843**, and if you desaturate by 10%, it is **83.5621, 81.0558, 92.6417**.

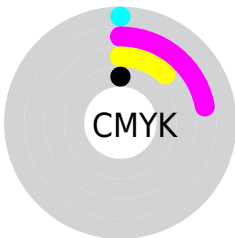
Distribution



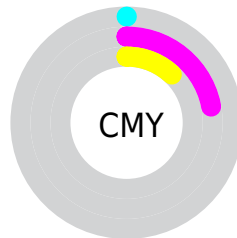
- Red (100%)
- Green (78%)
- Blue (88%)



- Red (100%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2540, 67.5431, 80.3050 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 75.2540, 67.5431, 80.3050 by changing the saturation by 10% instead.

75.2540, 67.5431,
80.3050

75.2540, 67.5431,
80.3050

467.7739,
451.8755, 515.6940

56.1159, 49.5261,
59.4417

125.6578,
115.6983, 135.6097

40.5332, 35.0370,
42.5465

157.6543,
146.6053, 170.8883

28.1406, 23.6914,
29.2007

194.6676,
182.5777, 211.8090

18.5727, 15.1048,
18.9858

237.0630,
224.0000, 258.7904

11.4641, 8.8930,
11.4833

285.2060,
271.2565, 312.2511

6.4495, 4.6715,
6.2747

339.4620,

3.1635, 2.0558,

324.7317, 372.6095

2.9413

400.1961,
384.8099, 440.2843

■ 1.2408, 0.6396,
1.0648

■ 0.1382, 0.0000,
0.0000

■ 75.2540, 67.5431,
80.3050

■ 75.2540, 67.5431,
80.3050

■ 68.0813, 56.0618,
69.0843

■ 83.5621, 81.0558,
92.6417

■ 61.9868, 46.5041,
58.9408

■ 93.0497, 96.6839,
106.1229

■ 56.9153, 38.7651,
49.8392

95.0500, 100.0000,
108.9000

■ 52.8046, 32.7262,
41.7402

■ 49.5852, 28.2550,
34.6015

■ 47.1776, 25.1986,
28.3765

■ 45.4863, 23.3732,
23.0122

■ 44.5329, 22.5772,
19.2701

Harmonies

Analogous

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



72.4549, 67.5431, 96.2299



75.2540, 67.5431, 80.3050



74.9682, 67.5431, 64.6146

Triad

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



75.2540, 67.5431, 80.3050



60.9994, 67.5431, 47.9877



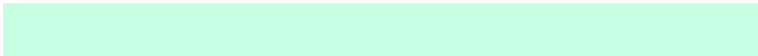
57.2420, 67.5431, 98.6596

Complementary

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



75.2540, 67.5431, 80.3050



73.4583, 89.3204, 87.5011

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.



54.5116, 67.5431, 83.2580



75.2540, 67.5431, 80.3050



56.5930, 67.5431, 54.7353

Square

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



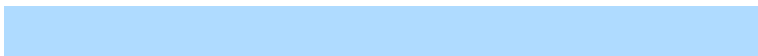
75.2540, 67.5431, 80.3050



66.5173, 67.5431, 47.4352



54.2811, 67.5431, 67.1716



61.9326, 67.5431, 107.8108

Rectangle

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



75.2540, 67.5431, 80.3050



73.0673, 67.5431, 56.3298



54.2811, 67.5431, 67.1716



56.0766, 67.5431, 93.9477

Sweetspot

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



75.2556, 67.5460, 80.3064



88.1159, 88.5346, 99.1810



70.7463, 64.7062, 103.3686



18.7384, 18.7491, 21.0552



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.



75.2556, 67.5460, 80.3064



72.2226, 62.6660, 75.6387



72.4065, 67.0977, 63.1715



18.3603, 18.1274, 20.5142



23.3431, 11.8265, 10.4570



2.3273, 1.1733, 1.3052

Inverse Universe

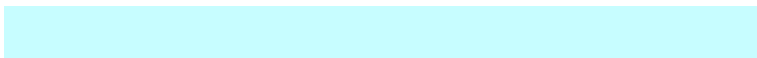
The Inverse Universe completely reimagines the original color for something new.



75.2556, 67.5460, 80.3064



72.2226, 62.6660, 75.6387



76.7723, 89.6979, 107.8748



18.3603, 18.1274, 20.5142



23.3431, 11.8265, 10.4570



2.3273, 1.1733, 1.3052

Previews

White Background



This preview shows how the XYZ color 75.2540, 67.5431, 80.3050 looks on a white background.

Color Contrast Check

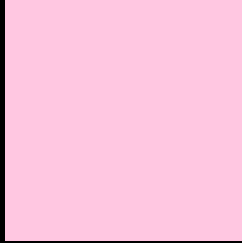
Large Text (above 18pt) WCAG AA × Fail

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 75.2540, 67.5431, 80.3050 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 75.2540, 67.5431, 80.3050

Background



This preview shows how black text looks on a background with the XYZ color 75.2540, 67.5431, 80.3050.



This preview shows how white text looks on a background with the XYZ color 75.2540, 67.5431,

80.3050.

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

75.2540, 67.5431, 80.3050

Protanopia

66.0861, 67.6751, 87.4214

Deuteranopia

69.1539, 67.5953, 79.2144



Tritanopia

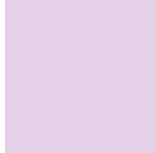
74.1544, 67.8020, 74.1445

Trichromacy



Original Color

75.2540, 67.5431, 80.3050



Protanomaly

68.9746, 67.3753, 84.9707



Deuteranomaly

71.2210, 67.5697, 79.8095



Tritanomaly

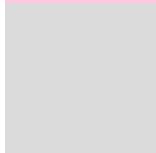
74.3135, 67.4939, 76.1287

Monochromacy



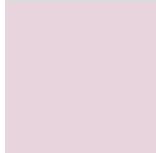
Original Color

75.2540, 67.5431, 80.3050



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

69.8733, 69.4632, 78.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2540, 67.5431, 80.3050 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, 199, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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(255, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.2540, 67.5431, 80.3050 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, 199, 225) }
```


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

```
.border{ border-color:rgb(255, 199, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2540, 67.5431, 80.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 225) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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