

Converting Colors

XYZ(78.1055, 72.4883, 83.5912)

Have a look what the booklet for
XYZ(78.1055, 72.4883, 83.5912)
contains.

XYZ(78.0441, 72.4624, 83.2721)	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(78.0441, 72.4624,
83.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E4
RGB	255, 209, 228
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1804, 0.1059
CMYK	0.00, 0.18, 0.11, 0.00
HSL	335°, 100%, 91%
HSV	335°, 18%, 100%
XYZ	78.0441, 72.4624, 83.2721
YIQ	224.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

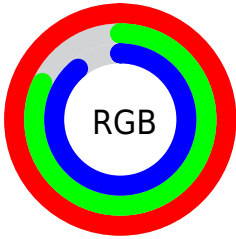
Format	Color
R _Y B	255, 209, 228
Decimal	16765412
CIE Lab	88.19, 19.11, -3.26
CIE LCh	88, 19.384, 350.320
Yxy	72.4624, 0.3338, 0.3100
Android (android.graphics.Color)	4294955492 (0xFFFFD1E4)
YUV	224.9200, 1.5184, 26.3802
Hunter-Lab	85.1248, 14.6837, 1.5878

Details

The XYZ color **78.0441, 72.4624, 83.2721** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1972, 91.1326, 92.8820**, and the grayscale version is **71.4908, 75.2139, 81.9079**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3871, 38.1341, 44.6617** is the 20% darker color. If you saturate the color by 10%, you get **70.2925, 60.1419, 70.8764**, and if you desaturate by 10%, it is **86.9802, 86.8635, 96.9522**.

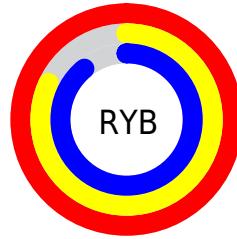
Distribution



Red (100%)

Green (82%)

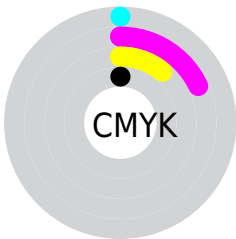
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

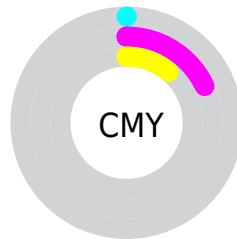


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0441, 72.4624, 83.2721 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 78.0441, 72.4624, 83.2721 by changing the saturation by 10% instead.


 78.0441, 72.4624,
83.2721

 78.0441, 72.4624,
83.2721


477.1541,
469.1495, 525.8876

 58.4131, 53.5365,
61.8727


129.5773,
122.7137, 139.8091

 42.3854, 38.2312,
44.4947


162.2103,
154.8079, 175.7839

 29.5956, 26.1622,
30.7196

199.9079,
192.0603, 217.4542

 19.6784, 16.9450,
20.1288

243.0356,
234.8553, 265.2385

 12.2684, 10.1953,
12.3037

291.9587,
283.5774, 319.5555

 7.0002, 5.5286,
6.8258

347.0426,

 3.5086, 2.5606,

338.6108, 380.8237

3.2766

408.6526,
400.3400, 449.4615

■ 1.4281, 0.9069,
1.2375

■ 0.2761, 0.0000,
0.0098

■ 78.0441, 72.4624,
83.2721

■ 78.0441, 72.4624,
83.2721

■ 70.2925, 60.1419,
70.8764

■ 86.9802, 86.8635,
96.9522

■ 63.6684, 49.7960,
59.7209

95.0500, 100.0000,
108.9000

■ 58.1173, 41.3230,
49.7651

■ 53.5781, 34.6085,
40.9642

■ 49.9831, 29.5255,
33.2703

■ 47.2557, 25.9294,
26.6312

■ 45.3062, 23.6500,
20.9887

■ 44.0146, 22.4568,
16.2728

■ 43.8060, 22.2864,
15.4424

Harmonies

Analogous

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



75.9677, 72.4624, 96.3567



78.0441, 72.4624, 83.2721



77.5798, 72.4624, 70.3576

Triad

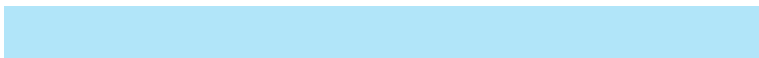
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0441, 72.4624, 83.2721



65.8224, 72.4624, 57.2893



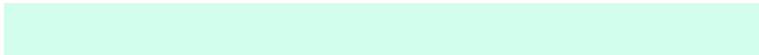
63.3345, 72.4624, 100.2344

Complementary

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



78.0441, 72.4624, 83.2721



77.1972, 91.1326, 92.8820

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.



60.8440, 72.4624, 88.1056



78.0441, 72.4624, 83.2721



62.2350, 72.4624, 63.6890

Square

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



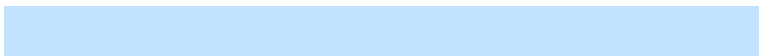
78.0441, 72.4624, 83.2721



70.3838, 72.4624, 56.3046



60.4507, 72.4624, 74.6822



67.3847, 72.4624, 106.8503

Rectangle

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



78.0441, 72.4624, 83.2721



75.8993, 72.4624, 63.4994



60.4507, 72.4624, 74.6822



62.2950, 72.4624, 96.6070

Sweetspot

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



78.0457, 72.4654, 83.2736



89.9348, 91.6605, 101.3657



75.3895, 70.6287, 104.2670



19.1012, 19.3777, 21.4755



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

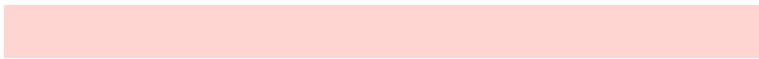
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0457, 72.4654, 83.2736



74.8345, 67.3385, 78.2093



76.5031, 73.3712, 70.4554



18.3204, 18.1115, 20.3046



22.9596, 11.6731, 8.4375



2.2883, 1.1577, 1.0995

Inverse Universe

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



78.0457, 72.4654, 83.2736



74.8345, 67.3385, 78.2093



78.8956, 89.8750, 107.7971



18.3204, 18.1115, 20.3046



22.9596, 11.6731, 8.4375



2.2883, 1.1577, 1.0995

Previews

White Background



This preview shows how the XYZ color 78.0441, 72.4624, 83.2721 looks on a white background.

Color Contrast Check

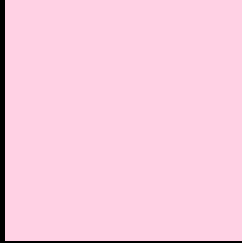
Large Text (above 18pt) WCAG AA × Fail

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 78.0441, 72.4624, 83.2721 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 78.0441, 72.4624, 83.2721

Background



This preview shows how black text looks on a background with the XYZ color 78.0441, 72.4624, 83.2721.



This preview shows how white text looks on a background with the XYZ color 78.0441, 72.4624,

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

78.0441, 72.4624, 83.2721

Protanopia

70.7128, 72.7142, 88.9055

Deuteranopia

74.1007, 72.6722, 82.7947



Tritanopia

77.7679, 72.3519, 81.8180

Trichromacy



Original Color

78.0441, 72.4624, 83.2721

Protanomaly

73.0530, 72.4304, 86.4741

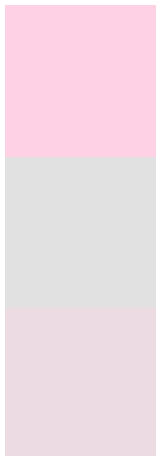
Deuteranomaly

75.3156, 72.5470, 82.7065

Tritanomaly

77.9056, 72.4070, 82.5429

Monochromacy



Original Color

78.0441, 72.4624, 83.2721

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.6511, 73.9869, 82.3506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0441, 72.4624, 83.2721 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, 209, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 228)  
}
```

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, 209, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 228) }
```

Border

The CSS property to change the border of an element to XYZ 78.0441, 72.4624, 83.2721 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, 209, 228) }
```


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

```
.border{ border-color:rgb(255, 209, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0441, 72.4624, 83.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 228) }
```

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

```
.background{ background-color: rgb(255,  
209, 228) }
```

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