

Converting Colors

XYZ(78.8924, 74.0360, 83.9345)

Have a look what the booklet for
XYZ(78.8924, 74.0360, 83.9345)
contains.

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Color

**XYZ(78.9263, 74.0041,
84.2531)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E5
RGB	255, 212, 229
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1686, 0.1020
CMYK	0.00, 0.17, 0.10, 0.00
HSL	336°, 100%, 92%
HSV	336°, 17%, 100%
XYZ	78.9263, 74.0041, 84.2531
YIQ	226.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

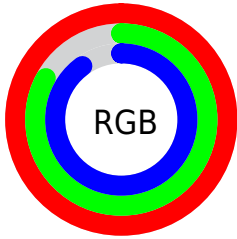
Format	Color
R _Y B	255, 212, 229
Decimal	16766181
CIE Lab	88.92, 17.70, -2.71
CIE LCh	89, 17.910, 351.298
Yxy	74.0041, 0.3328, 0.3120
Android (android.graphics.Color)	4294956261 (0xFFFFD4E5)
YUV	226.7950, 1.0871, 24.7358
Hunter-Lab	86.0256, 13.2243, 2.1496

Details

The XYZ color **78.9263, 74.0041, 84.2531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3464, 91.6913, 94.4614**, and the grayscale version is **72.8484, 76.6421, 83.4633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9857, 39.1757, 45.3405** is the 20% darker color. If you saturate the color by 10%, you get **70.9899, 61.4251, 71.4531**, and if you desaturate by 10%, it is **88.0641, 88.6791, 98.3991**.

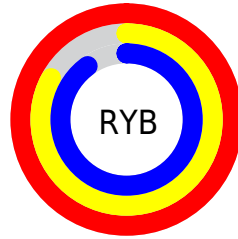
Distribution



Red (100%)

Green (83%)

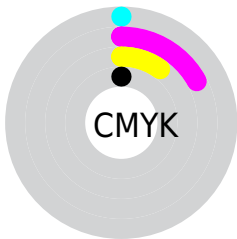
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

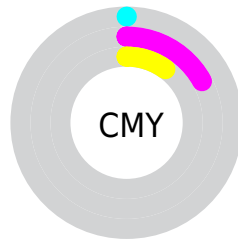


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9263, 74.0041, 84.2531 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 78.9263, 74.0041, 84.2531 by changing the saturation by 10% instead.


 78.9263, 74.0041,
84.2531

 78.9263, 74.0041,
84.2531

480.0988,
474.4875, 529.2333

 59.1406, 54.7974,
62.6778


130.8136,
124.9016, 141.1941

 42.9731, 39.2395,
45.1413


163.6459,
157.3612, 177.3968

 30.0585, 26.9461,
31.2250


201.5578,
195.0072, 219.3125

 20.0313, 17.5328,
20.5103

244.9147,
238.2241, 267.3596

 12.5262, 10.6151,
12.5788

294.0819,
287.3961, 321.9567

 7.1778, 5.8086,
7.0119

349.4247,

 3.6209, 2.7291,

342.9078, 383.5223

3.3910

411.3086,
405.1435, 452.4750

■ 1.4900, 0.9920,
1.2976

■ 0.3190, 0.0000,
0.0598

■ 78.9263, 74.0041,
84.2531

■ 78.9263, 74.0041,
84.2531

■ 70.9899, 61.4251,
71.4531

■ 88.0641, 88.6791,
98.3991

■ 64.1976, 50.8365,
59.9527

95.0500, 100.0000,
108.9000

■ 58.4951, 42.1376,
49.7092

■ 53.8214, 35.2151,
40.6758

■ 50.1092, 29.9433,
32.8022

■ 47.2825, 26.1799,
26.0337

■ 45.2530, 23.7580,
20.3097

■ 43.9098, 22.4670,
15.5605

■ 43.5792, 22.1957,
14.2481

Harmonies

Analogous

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



77.0636, 74.0041, 96.4870



78.9263, 74.0041, 84.2531



78.4150, 74.0041, 72.1942

Triad

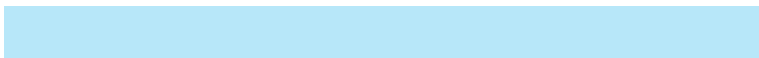
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9263, 74.0041, 84.2531



67.3470, 74.0041, 60.2741



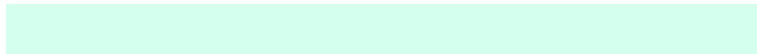
65.2421, 74.0041, 100.7345

Complementary

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



78.9263, 74.0041, 84.2531



78.3464, 91.6913, 94.4614

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.



62.8368, 74.0041, 89.5867



78.9263, 74.0041, 84.2531



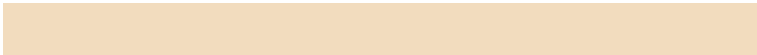
64.0168, 74.0041, 66.5213

Square

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



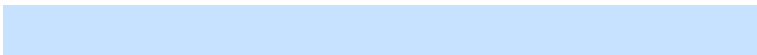
78.9263, 74.0041, 84.2531



71.6105, 74.0041, 59.1612



62.3977, 74.0041, 77.0111



69.0820, 74.0041, 106.6246

Rectangle

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



78.9263, 74.0041, 84.2531



76.8052, 74.0041, 65.7930



62.3977, 74.0041, 77.0111



64.2457, 74.0041, 97.4267

Sweetspot

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



78.9280, 74.0072, 84.2546



89.8999, 91.6465, 101.1818



76.7886, 72.4529, 104.5454



19.0928, 19.3743, 21.4309



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

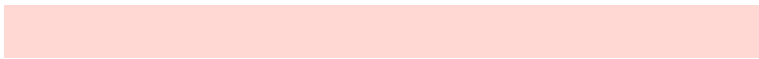
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9280, 74.0072, 84.2546



76.3091, 69.8362, 80.0928



77.7586, 75.2822, 72.7239



18.3068, 18.1060, 20.2325



22.8394, 11.6251, 7.8050



2.2758, 1.1527, 1.0336

Inverse Universe

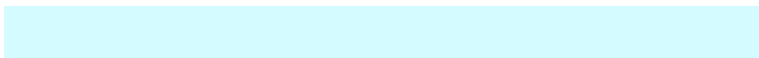
The Inverse Universe completely reimagines the original color for something new.



78.9280, 74.0072, 84.2546



76.3091, 69.8362, 80.0928



79.6068, 90.0254, 107.7887



18.3068, 18.1060, 20.2325



22.8394, 11.6251, 7.8050



2.2758, 1.1527, 1.0336

Previews

White Background



This preview shows how the XYZ color 78.9263, 74.0041, 84.2531 looks on a white background.

Color Contrast Check

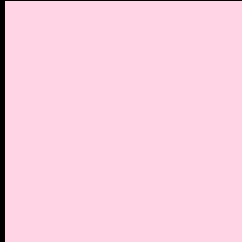
Large Text (above 18pt) WCAG AA × Fail

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 78.9263, 74.0041, 84.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

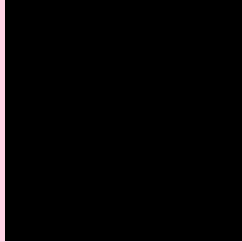
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9263, 74.0041, 84.2531

Background



This preview shows how black text looks on a background with the XYZ color 78.9263, 74.0041, 84.2531.



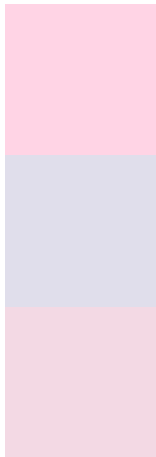
This preview shows how white text looks on a background with the XYZ color 78.9263, 74.0041,

84.2531.

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

78.9263, 74.0041, 84.2531

Protanopia

71.8571, 74.0880, 89.1104

Deuteranopia

75.7786, 74.2818, 83.7427



Tritanopia

78.9263, 74.0041, 84.2531

Trichromacy



Original Color

78.9263, 74.0041, 84.2531

Protanomaly

74.0403, 73.6882, 87.4117

Deuteranomaly

76.6618, 73.9765, 83.6372

Tritanomaly

78.9263, 74.0041, 84.2531

Monochromacy



Original Color

78.9263, 74.0041, 84.2531

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0499, 75.8485, 84.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9263, 74.0041, 84.2531 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, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 229)  
}
```

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, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 229) }
```

Border

The CSS property to change the border of an element to XYZ 78.9263, 74.0041, 84.2531 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, 212, 229) }
```


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

```
.border{ border-color:rgb(255, 212, 229) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9263, 74.0041, 84.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 229) }
```

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

```
.background{ background-color: rgb(255,  
212, 229) }
```

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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