

Converting Colors

XYZ(83.8206, 77.4926, 79.1956)

Have a look what the booklet for
XYZ(83.8206, 77.4926, 79.1956)
contains.

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Color

**XYZ(78.3377, 74.5736,
78.6719)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD6DD |
| RGB | 255, 214, 221 |
| RGB Percent | 100%, 84%, 87% |
| CMY | 0.0000, 0.1608, 0.1333 |
| CMYK | 0.00, 0.16, 0.13, 0.00 |
| HSL | 350°, 100%, 92% |
| HSV | 350°, 16%, 100% |
| XYZ | 78.3377, 74.5736, 78.6719 |
| YIQ | 227.0570, 22.1890, 10.8690 |

Conversions

Conversions Part 2

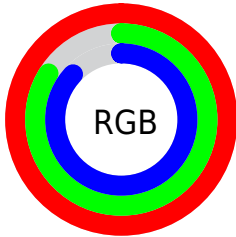
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 214, 221 |
| Decimal | 16766685 |
| CIE Lab | 89.19, 15.38, 1.90 |
| CIE LCh | 89, 15.492, 7.047 |
| Yxy | 74.5736, 0.3383, 0.3220 |
| Android (android.graphics.Color) | 4294956765 (0xFFFFD6DD) |
| YUV | 227.0570, -2.9861, 24.5060 |
| Hunter-Lab | 86.3560, 10.8029, 6.4349 |

Details

The XYZ color **78.3377, 74.5736, 78.6719** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.4373, 92.5947, 102.4438**, and the grayscale version is **73.0664, 76.8716, 83.7131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5698, 39.5552, 41.4676** is the 20% darker color. If you saturate the color by 10%, you get **69.7397, 61.6063, 62.7690**, and if you desaturate by 10%, it is **88.3045, 89.7096, 96.7841**.

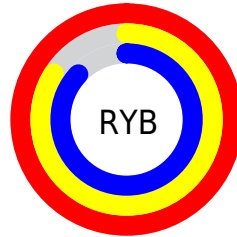
Distribution



Red (100%)

Green (84%)

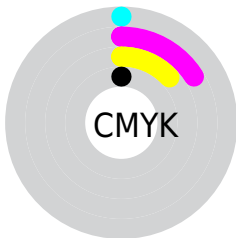
Blue (87%)



Red (100%)

Yellow (84%)

Blue (87%)

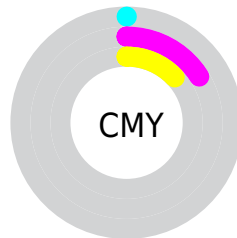


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3377, 74.5736, 78.6719 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 78.3377, 74.5736, 78.6719 by changing the saturation by 10% instead.


 78.3377, 74.5736,
78.6719

 78.3377, 74.5736,
78.6719

478.1352,
476.4507, 510.0339

 58.6552, 55.2636,
58.1064

129.9889,
125.7086, 133.2913

 42.5809, 39.6128,
41.4789


162.6883,
158.3024, 168.1823

 29.7495, 27.2368,
28.3710


200.4574,
196.0930, 208.6855

 19.7957, 17.7512,
18.3640

243.6615,
239.4647, 255.2195

 12.3540, 10.7715,
11.0395

292.6660,
288.8019, 308.2028

 7.0592, 5.9134,
5.9789

347.8362,

 3.5458, 2.7925,

344.4890, 368.0539

2.7637

409.5375,
406.9105, 435.1915

■ 1.4485, 1.0244,
0.9753

■ 0.2904, 0.0000,
0.0000

■ 78.3377, 74.5736,
78.6719

■ 78.3377, 74.5736,
78.6719

■ 69.7397, 61.6063,
62.7690

■ 88.3045, 89.7096,
96.7841

■ 62.4451, 50.6993,
48.9859

95.0500, 100.0000,
108.9000

■ 56.3911, 41.7489,
37.2338

■ 51.5078, 34.6389,
27.4158

■ 47.7178, 29.2405,
19.4267

■ 44.9344, 25.4083,
13.1515

■ 43.0573, 22.9726,
8.4614

■ 41.9642, 21.7235,
5.2080

■ 41.6855, 21.4382,
4.2762

Harmonies

Analogous

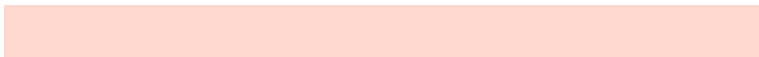
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7828, 74.5736, 89.5857



78.3377, 74.5736, 78.6719



76.8383, 74.5736, 69.2962

Triad

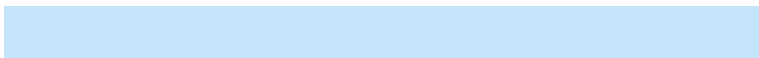
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3377, 74.5736, 78.6719



66.5923, 74.5736, 65.6972



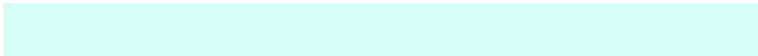
68.0842, 74.5736, 101.9045

Complementary

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



78.3377, 74.5736, 78.6719



80.4373, 92.5947, 102.4438

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.



65.2379, 74.5736, 94.3900



78.3377, 74.5736, 78.6719



64.3981, 74.5736, 73.3509

Square

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



78.3377, 74.5736, 78.6719



69.9924, 74.5736, 62.2489



63.9112, 74.5736, 83.7775



71.7751, 74.5736, 103.6483

Rectangle

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



78.3377, 74.5736, 78.6719



74.9059, 74.5736, 64.9597



63.9112, 74.5736, 83.7775



67.0010, 74.5736, 99.9392

Sweetspot

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



78.3395, 74.5768, 78.6735



89.4605, 91.4707, 98.8678



80.6270, 75.1786, 104.8692



18.9862, 19.3317, 20.8699



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

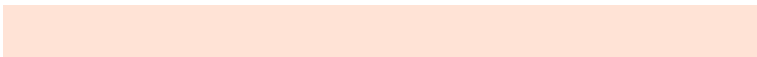
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3395, 74.5768, 78.6735



75.6863, 70.5648, 73.7985



80.8441, 81.0467, 75.0051



18.1358, 18.0376, 19.3325



21.8182, 11.2166, 2.4273



2.1578, 1.1055, 0.4126

Inverse Universe

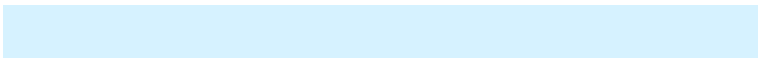
The Inverse Universe completely reimagines the original color for something new.



78.3395, 74.5768, 78.6735



75.6863, 70.5648, 73.7985



77.5410, 85.0324, 106.9338



18.1358, 18.0376, 19.3325



21.8182, 11.2166, 2.4273



2.1578, 1.1055, 0.4126

Previews

White Background



This preview shows how the XYZ color 78.3377, 74.5736, 78.6719 looks on a white background.

Color Contrast Check

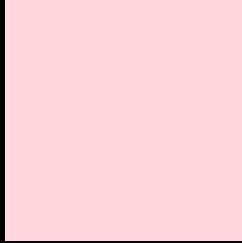
Large Text (above 18pt) WCAG AA × Fail

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 78.3377, 74.5736, 78.6719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

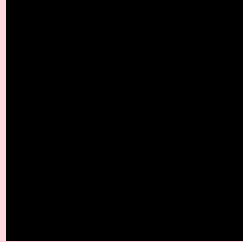
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3377, 74.5736, 78.6719

Background



This preview shows how black text looks on a background with the XYZ color 78.3377, 74.5736, 78.6719.

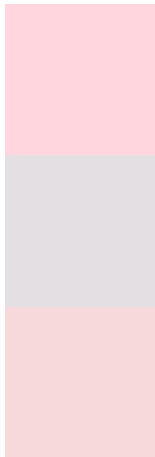


This preview shows how white text looks on a background with the XYZ color 78.3377, 74.5736,

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

78.3377, 74.5736, 78.6719

Protanopia

72.1101, 74.7603, 82.5811

Deuteranopia

76.0889, 74.5672, 78.0927



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

78.3377, 74.5736, 78.6719

Protanomaly

74.3076, 74.7454, 81.0319

Deuteranomaly

76.8985, 74.6030, 78.0570

Tritanomaly

78.7617, 74.3395, 82.1493

Monochromacy



Original Color

78.3377, 74.5736, 78.6719

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6369, 75.6833, 81.9087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3377, 74.5736, 78.6719 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, 214, 221) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 221)  
}
```

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, 214, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 221) }
```

Border

The CSS property to change the border of an element to XYZ 78.3377, 74.5736, 78.6719 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, 214, 221) }
```


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

```
.border{ border-color:rgb(255, 214, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3377, 74.5736, 78.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 221) }
```

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

```
.background{ background-color: rgb(255,  
214, 221) }
```

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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