

Converting Colors

XYZ(75.7236, 70.5798, 73.9952)

Have a look what the booklet for
XYZ(75.7236, 70.5798, 73.9952)
contains.

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Color

**XYZ(75.8186, 70.7919,
73.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD7
RGB	255, 207, 215
RGB Percent	100%, 81%, 84%
CMY	0.0000, 0.1882, 0.1569
CMYK	0.00, 0.19, 0.16, 0.00
HSL	350°, 100%, 91%
HSV	350°, 19%, 100%
XYZ	75.8186, 70.7919, 73.9581
YIQ	222.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

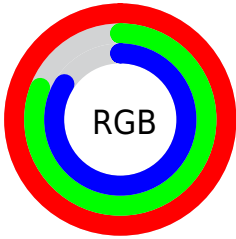
Format	Color
R _Y B	255, 207, 215
Decimal	16764887
CIE Lab	87.38, 18.09, 2.44
CIE LCh	87, 18.257, 7.680
Yxy	70.7919, 0.3437, 0.3210
Android (android.graphics.Color)	4294954967 (0xFFFFCFD7)
YUV	222.2640, -3.5812, 28.7095
Hunter-Lab	84.1379, 13.6091, 6.7800

Details

The XYZ color **75.8186, 70.7919, 73.9581** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2830, 91.5019, 101.5350**, and the grayscale version is **69.6307, 73.2569, 79.7768**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0251, 37.3263, 38.3001** is the 20% darker color. If you saturate the color by 10%, you get **67.5764, 58.3977, 58.6018**, and if you desaturate by 10%, it is **85.4164, 85.3293, 91.5182**.

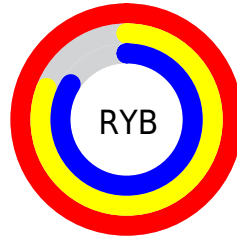
Distribution



Red (100%)

Green (81%)

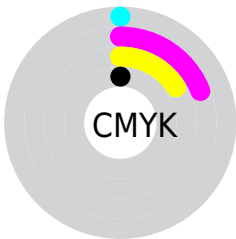
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

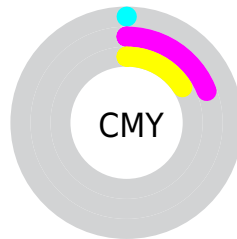


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8186, 70.7919, 73.9581 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 75.8186, 70.7919, 73.9581 by changing the saturation by 10% instead.


 75.8186, 70.7919,
73.9581

 75.8186, 70.7919,
73.9581

469.6804,
463.3256, 493.4883

 56.5803, 52.1724,
54.2632


126.4522,
120.3374, 126.5699

 40.9072, 37.1425,
38.4175


158.5782,
152.0321, 160.3239

 28.4339, 25.3178,
26.0025

195.7308,
188.8541, 199.6012

 18.7951, 16.3140,
16.5998

238.2754,
231.1876, 244.8206

 11.6255, 9.7466,
9.7906

286.5773,
279.4171, 296.4004

 6.5596, 5.2313,
5.1566

341.0018,

 3.2321, 2.3836,

333.9271, 354.7593

2.2791

401.9144,
395.1018, 420.3157

■ 1.2777, 0.8174,
0.7195

■ 0.1664, 0.0000,
0.0000

■ 75.8186, 70.7919,
73.9581

■ 75.8186, 70.7919,
73.9581

■ 67.5764, 58.3977,
58.6018

■ 85.4164, 85.3293,
91.5182

■ 60.6238, 48.0366,
45.3576

95.0500, 100.0000,
108.9000

■ 54.8960, 39.6026,
34.1336

■ 50.3210, 32.9759,
24.8297

■ 46.8191, 28.0238,
17.3368

■ 44.2998, 24.5950,
11.5346

■ 42.6578, 22.5109,
7.2879

■ 41.7460, 21.5146,
4.4337

■ 41.6666, 21.4306,
4.1764

Harmonies

Analogous

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



75.2296, 70.7919, 86.4295



75.8186, 70.7919, 73.9581



74.0452, 70.7919, 63.4905

Triad

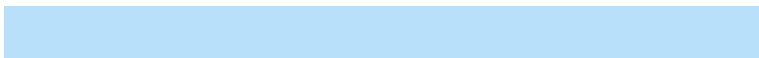
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8186, 70.7919, 73.9581



62.3561, 70.7919, 59.8141



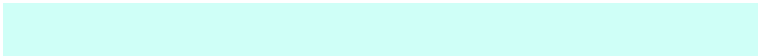
64.1935, 70.7919, 101.1320

Complementary

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



75.8186, 70.7919, 73.9581



78.2830, 91.5019, 101.5350

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.



60.9504, 70.7919, 92.4830



75.8186, 70.7919, 73.9581



59.9215, 70.7919, 68.4310

Square

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



75.8186, 70.7919, 73.9581



66.1864, 70.7919, 55.9102



59.4181, 70.7919, 80.2892



68.3969, 70.7919, 103.0155

Rectangle

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



75.8186, 70.7919, 73.9581



71.8046, 70.7919, 58.7475



59.4181, 70.7919, 80.2892



62.9603, 70.7919, 98.8781

Sweetspot

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



75.8202, 70.7949, 73.9596



88.3763, 89.8295, 96.8814



78.7224, 71.6229, 104.2832



18.7673, 19.0008, 20.4674



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

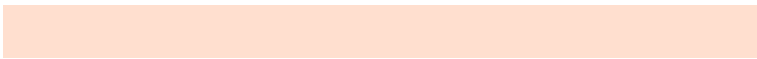
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8202, 70.7949, 73.9596



72.2142, 65.3600, 67.2791



78.8919, 78.5428, 70.0375



18.1328, 18.0364, 19.3165



21.8076, 11.2123, 2.3714



2.1564, 1.1049, 0.4048

Inverse Universe

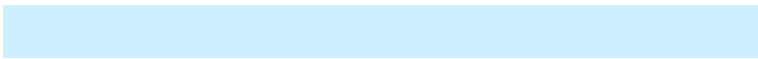
The Inverse Universe completely reimagines the original color for something new.



75.8202, 70.7949, 73.9596



72.2142, 65.3600, 67.2791



74.6509, 82.2204, 106.5433



18.1328, 18.0364, 19.3165



21.8076, 11.2123, 2.3714



2.1564, 1.1049, 0.4048

Previews

White Background



This preview shows how the XYZ color 75.8186, 70.7919, 73.9581 looks on a white background.

Color Contrast Check

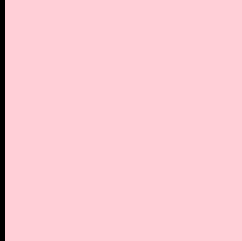
Large Text (above 18pt) WCAG AA × Fail

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 75.8186, 70.7919, 73.9581 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 75.8186, 70.7919, 73.9581

Background



This preview shows how black text looks on a background with the XYZ color 75.8186, 70.7919, 73.9581.



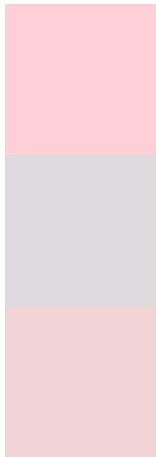
This preview shows how white text looks on a background with the XYZ color 75.8186, 70.7919, 73.9581.

73.9581.

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

75.8186, 70.7919, 73.9581

Protanopia

68.2467, 70.8929, 78.4933

Deuteranopia

72.2990, 70.8193, 73.4772



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

75.8186, 70.7919, 73.9581

Protanomaly

70.7644, 70.7000, 76.9346

Deuteranomaly

73.5420, 70.7224, 73.3930

Tritanomaly

76.0975, 70.5171, 76.6182

Monochromacy



Original Color

75.8186, 70.7919, 73.9581

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.5307, 72.2326, 77.1900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8186, 70.7919, 73.9581 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, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 215)  
}
```

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, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 215) }
```

Border

The CSS property to change the border of an element to XYZ 75.8186, 70.7919, 73.9581 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, 207, 215) }
```


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

```
.border{ border-color:rgb(255, 207, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8186, 70.7919, 73.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 215) }
```

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

```
.background{ background-color: rgb(255,  
207, 215) }
```

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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