

Converting Colors

XYZ(86.9283, 76.4587, 72.4161)

Have a look what the booklet for
XYZ(86.9283, 76.4587, 72.4161)
contains.

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Color

**XYZ(75.4365, 70.6391,
71.9461)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD4
RGB	255, 207, 212
RGB Percent	100%, 81%, 83%
CMY	0.0000, 0.1882, 0.1686
CMYK	0.00, 0.19, 0.17, 0.00
HSL	354°, 100%, 91%
HSV	354°, 19%, 100%
XYZ	75.4365, 70.6391, 71.9461
YIQ	221.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

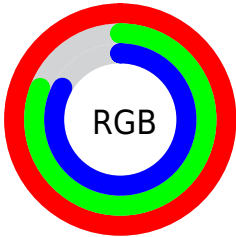
Format	Color
R _Y B	255, 207, 212
Decimal	16764884
CIE Lab	87.31, 17.63, 3.92
CIE LCh	87, 18.064, 12.535
Yxy	70.6391, 0.3460, 0.3240
Android (android.graphics.Color)	4294954964 (0xFFFFCFD4)
YUV	221.9220, -4.8915, 29.0094
Hunter-Lab	84.0471, 13.1304, 8.0794

Details

The XYZ color **75.4365, 70.6391, 71.9461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7499, 91.6887, 103.9935**, and the grayscale version is **69.3976, 73.0117, 79.5098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7657, 37.2226, 36.9344** is the 20% darker color. If you saturate the color by 10%, you get **67.0692, 58.1948, 55.9305**, and if you desaturate by 10%, it is **85.2126, 85.2479, 90.4449**.

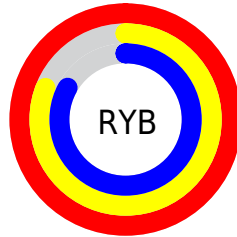
Distribution



Red (100%)

Green (81%)

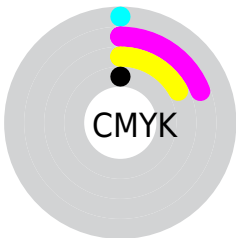
Blue (83%)



Red (100%)

Yellow (81%)

Blue (83%)

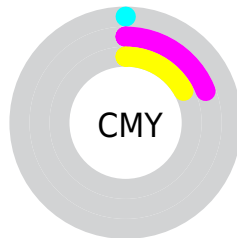


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4365, 70.6391, 71.9461 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 75.4365, 70.6391, 71.9461 by changing the saturation by 10% instead.


 75.4365, 70.6391,
71.9461

 75.4365, 70.6391,
71.9461


468.3906,
462.7908, 486.3265

 56.2660, 52.0477,
52.6281


125.9147,
120.1197, 123.6869

 40.6541, 37.0431,
37.1203


157.9530,
151.7777, 156.9468

 28.2354, 25.2409,
25.0041


195.0114,
188.5601, 195.6910

 18.6445, 16.2566,
15.8611

237.4551,
230.8512, 240.3381

 11.5162, 9.7059,
9.2726

285.6495,
279.0354, 291.3067

 6.4850, 5.2044,
4.8202

339.9600,

 3.1856, 2.3677,

333.4972, 349.0152

2.0853

400.7519,
394.6208, 413.8823

■ 1.2527, 0.8092,
0.6070

■ 0.1473, 0.0000,
0.0000

■ 75.4365, 70.6391,
71.9461

■ 75.4365, 70.6391,
71.9461

■ 67.0692, 58.1948,
55.9305

■ 85.2126, 85.2479,
90.4449

■ 60.0409, 47.8035,
42.2880

95.0500, 100.0000,
108.9000

■ 54.2833, 39.3575,
30.9069

■ 49.7200, 32.7355,
21.6646

■ 46.2665, 27.8028,
14.4269

■ 43.8269, 24.4059,
9.0442

■ 42.2890, 22.3634,
5.3460

■ 41.4973, 21.4151,
3.1240

■ 41.4326, 21.3370,
2.9440

Harmonies

Analogous

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



75.2401, 70.6391, 84.1530



75.4365, 70.6391, 71.9461



73.3430, 70.6391, 62.1539

Triad

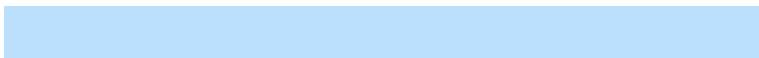
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4365, 70.6391, 71.9461



61.7666, 70.6391, 60.9272



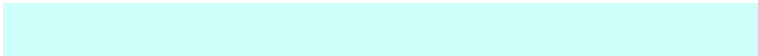
64.7178, 70.6391, 101.4651

Complementary

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



75.4365, 70.6391, 71.9461



78.7499, 91.6887, 103.9935

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.



61.2977, 70.6391, 93.8433



75.4365, 70.6391, 71.9461



59.6438, 70.6391, 70.1024

Square

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



75.4365, 70.6391, 71.9461



65.3825, 70.6391, 56.2577



59.4759, 70.6391, 82.1054



68.9294, 70.6391, 102.0931

Rectangle

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



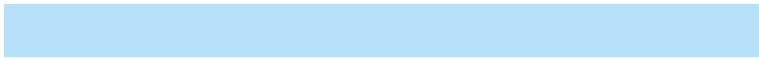
75.4365, 70.6391, 71.9461



70.9798, 70.6391, 57.9629



59.4759, 70.6391, 82.1054



63.4419, 70.6391, 99.6018

Sweetspot

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



75.4381, 70.6421, 71.9476



88.2328, 89.7721, 96.1257



79.5742, 72.0620, 104.3231



18.7335, 18.9873, 20.2894



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

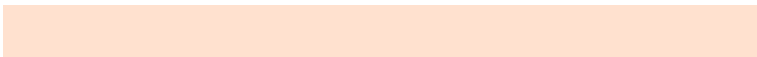
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4381, 70.6421, 71.9476



71.7735, 65.1838, 64.9585



79.5377, 79.8343, 70.2529



18.0862, 18.0178, 19.0710



21.6742, 11.1590, 1.6690



2.1345, 1.0962, 0.2896

Inverse Universe

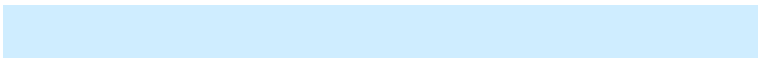
The Inverse Universe completely reimagines the original color for something new.



75.4381, 70.6421, 71.9476



71.7735, 65.1838, 64.9585



73.9530, 80.8246, 106.3107



18.0862, 18.0178, 19.0710



21.6742, 11.1590, 1.6690



2.1345, 1.0962, 0.2896

Previews

White Background



This preview shows how the XYZ color 75.4365, 70.6391, 71.9461 looks on a white background.

Color Contrast Check

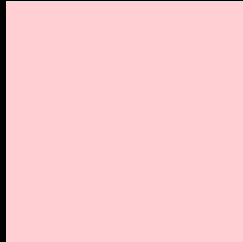
Large Text (above 18pt) WCAG AA × Fail

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 75.4365, 70.6391, 71.9461 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 75.4365, 70.6391, 71.9461

Background



This preview shows how black text looks on a background with the XYZ color 75.4365, 70.6391, 71.9461.



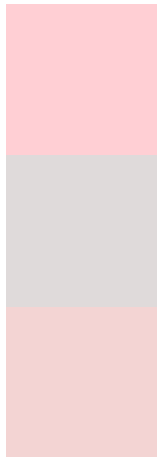
This preview shows how white text looks on a background with the XYZ color 75.4365, 70.6391,

71.9461.

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

75.4365, 70.6391, 71.9461

Protanopia

68.1577, 70.8927, 76.4210

Deuteranopia

72.2635, 70.8448, 71.4937



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

75.4365, 70.6391, 71.9461

Protanomaly

70.7022, 70.7132, 74.8883

Deuteranomaly

73.1622, 70.5705, 71.3934

Tritanomaly

75.9662, 70.4646, 75.9268

Monochromacy



Original Color

75.4365, 70.6391, 71.9461

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.3994, 72.1801, 76.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4365, 70.6391, 71.9461 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.4365, 70.6391, 71.9461 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, 212) }
```


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

```
.border{ border-color:rgb(255, 207, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4365, 70.6391, 71.9461 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
207, 212) }
```

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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