

Converting Colors

XYZ(104.3288, 85.7995,
72.4505)

Have a look what the booklet for
XYZ(104.3288, 85.7995, 72.4505)
contains.

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Color

**XYZ(75.5537, 71.0749,
71.3647)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D3
RGB	255, 208, 211
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1843, 0.1725
CMYK	0.00, 0.18, 0.17, 0.00
HSL	356°, 100%, 91%
HSV	356°, 18%, 100%
XYZ	75.5537, 71.0749, 71.3647
YIQ	222.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

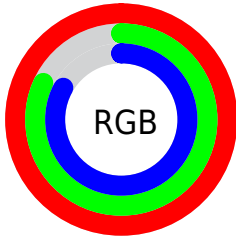
Format	Color
R _Y B	255, 208, 211
Decimal	16765139
CIE Lab	87.52, 16.96, 4.76
CIE LCh	88, 17.614, 15.667
Yxy	71.0749, 0.3466, 0.3260
Android (android.graphics.Color)	4294955219 (0xFFFFD0D3)
YUV	222.3950, -5.6177, 28.5946
Hunter-Lab	84.3059, 12.4336, 8.8254

Details

The XYZ color **75.5537, 71.0749, 71.3647** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3456, 91.9594, 105.6674**, and the grayscale version is **69.7370, 73.3687, 79.8985**.

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 **67.0550, 58.5169, 54.8456**, and if you desaturate by 10%, it is **85.4999, 85.8159, 90.5613**.

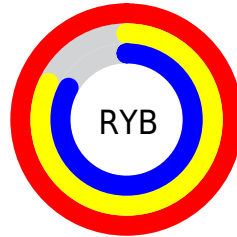
Distribution



Red (100%)

Green (82%)

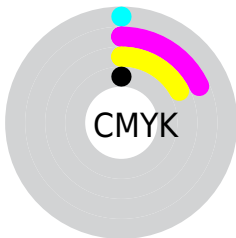
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

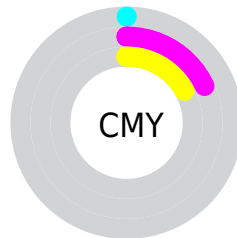


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5537, 71.0749, 71.3647 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 75.5537, 71.0749, 71.3647 by changing the saturation by 10% instead.


 75.5537, 71.0749,
71.3647

 75.5537, 71.0749,
71.3647


468.7865,
464.3152, 484.2453

 56.3624, 52.4033,
52.1562


126.0796,
120.7404, 122.8522

 40.7317, 37.3267,
36.7465

158.1448,
152.5030, 155.9682

 28.2962, 25.4605,
24.7170


195.2321,
189.3982, 194.5572

 18.6907, 16.4205,
15.6493

237.7068,
231.8103, 239.0377

 11.5497, 9.8222,
9.1246

285.9342,
280.1236, 289.8282

 6.5078, 5.2812,
4.7247

340.2797,

 3.1998, 2.4132,

334.7226, 347.3473

2.0307

401.1087,
395.9917, 412.0135

■ 1.2603, 0.8327,
0.5741

■ 0.1532, 0.0000,
0.0000

■ 75.5537, 71.0749,
71.3647

■ 75.5537, 71.0749,
71.3647

■ 67.0550, 58.5169,
54.8456

■ 85.4999, 85.8159,
90.5613

■ 59.9315, 48.0294,
40.8807

95.0500, 100.0000,
108.9000

■ 54.1123, 39.5040,
29.3439

■ 49.5182, 32.8188,
20.0964

■ 46.0614, 27.8379,
12.9857

■ 43.6423, 24.4073,
7.8403

■ 42.1442, 22.3447,
4.4626

■ 41.4098, 21.3975,
2.6096

■ 41.3354, 21.2982,
2.4325

Harmonies

Analogous

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



75.6057, 71.0749, 83.1998



75.5537, 71.0749, 71.3647



73.3007, 71.0749, 62.1299

Triad

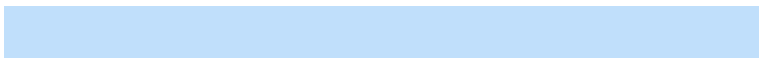
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5537, 71.0749, 71.3647



61.9923, 71.0749, 62.4564



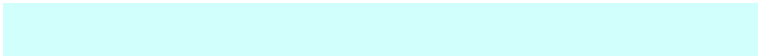
65.5935, 71.0749, 101.7766

Complementary

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



75.5537, 71.0749, 71.3647



79.3456, 91.9594, 105.6674

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.



62.1168, 71.0749, 94.9607



75.5537, 71.0749, 71.3647



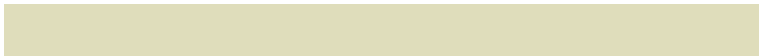
60.0963, 71.0749, 71.8542

Square

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



75.5537, 71.0749, 71.3647



65.4171, 71.0749, 57.3583



60.1409, 71.0749, 83.7420



69.7381, 71.0749, 101.6108

Rectangle

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



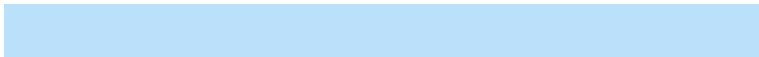
75.5537, 71.0749, 71.3647



70.9047, 71.0749, 58.3334



60.1409, 71.0749, 83.7420



64.3117, 71.0749, 100.1978

Sweetspot

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



75.5554, 71.0780, 71.3662



88.1405, 89.7352, 95.6400



80.7042, 73.0054, 104.4456



18.7118, 18.9786, 20.1751



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

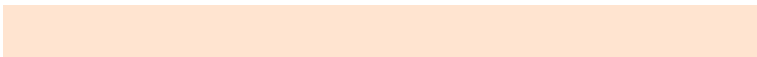
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5554, 71.0780, 71.3662



72.3575, 66.3477, 65.1655



80.4713, 81.5051, 71.1693



18.0563, 18.0058, 18.9137



21.6163, 11.1358, 1.3641



2.1204, 1.0905, 0.2154

Inverse Universe

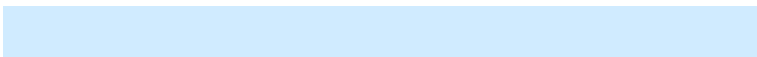
The Inverse Universe completely reimagines the original color for something new.



75.5554, 71.0780, 71.3662



72.3575, 66.3477, 65.1655



73.6684, 79.8392, 106.1355



18.0563, 18.0058, 18.9137



21.6163, 11.1358, 1.3641



2.1204, 1.0905, 0.2154

Previews

White Background



This preview shows how the XYZ color 75.5537, 71.0749, 71.3647 looks on a white background.

Color Contrast Check

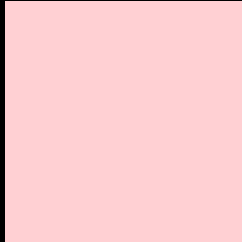
Large Text (above 18pt) WCAG AA × Fail

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 75.5537, 71.0749, 71.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

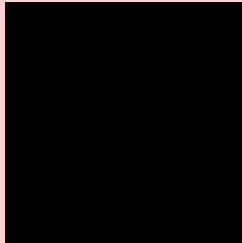
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5537, 71.0749, 71.3647

Background



This preview shows how black text looks on a background with the XYZ color 75.5537, 71.0749, 71.3647.



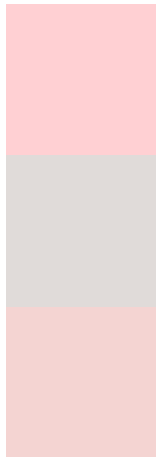
This preview shows how white text looks on a background with the XYZ color 75.5537, 71.0749,

71.3647.

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

75.5537, 71.0749, 71.3647

Protanopia

68.5964, 71.5201, 75.8350

Deuteranopia

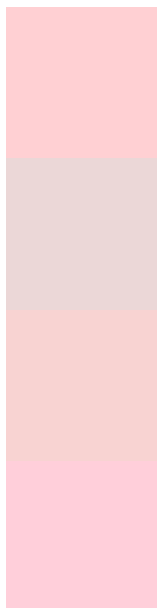
72.4846, 70.9732, 70.8516



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

75.5537, 71.0749, 71.3647

Protanomaly

70.8271, 71.1693, 74.2940

Deuteranomaly

73.6385, 71.1981, 70.8342

Tritanomaly

76.2077, 70.9476, 76.0073

Monochromacy



Original Color

75.5537, 71.0749, 71.3647

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 75.5537, 71.0749, 71.3647 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, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 211)  
}
```

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, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 211) }
```

Border

The CSS property to change the border of an element to XYZ 75.5537, 71.0749, 71.3647 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, 208, 211) }
```


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

```
.border{ border-color:rgb(255, 208, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5537, 71.0749, 71.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 211) }
```

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

```
.background{ background-color: rgb(255,  
208, 211) }
```

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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