

Converting Colors

XYZ(75.0129, 71.3673, 66.9484)

Have a look what the booklet for
XYZ(75.0129, 71.3673, 66.9484)
contains.

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Color

**XYZ(74.9395, 71.2206,
66.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1CC
RGB	255, 209, 204
RGB Percent	100%, 82%, 80%
CMY	0.0000, 0.1804, 0.2000
CMYK	0.00, 0.18, 0.20, 0.00
HSL	6°, 100%, 90%
HSV	6°, 20%, 100%
XYZ	74.9395, 71.2206, 66.9239
YIQ	222.1840, 29.0210, 8.1970

Conversions

Conversions Part 2

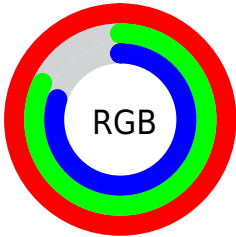
Format	Color
R _Y B	255, 210, 204
Decimal	16765388
CIE Lab	87.59, 15.40, 8.56
CIE LCh	88, 17.615, 29.072
Yxy	71.2206, 0.3517, 0.3342
Android (android.graphics.Color)	4294955468 (0xFFFFD1CC)
YUV	222.1840, -8.9647, 28.7796
Hunter-Lab	84.3923, 10.8197, 12.0571

Details

The XYZ color **74.9395, 71.2206, 66.9239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1363, 88.4257, 107.6101**, and the grayscale version is **69.6097, 73.2348, 79.7527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3493, 37.3190, 33.9308** is the 20% darker color. If you saturate the color by 10%, you get **66.8871, 59.6161, 50.3657**, and if you desaturate by 10%, it is **84.3107, 84.6606, 86.3938**.

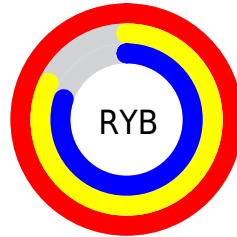
Distribution



Red (100%)

Green (82%)

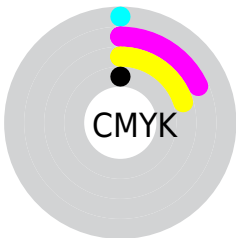
Blue (80%)



Red (100%)

Yellow (82%)

Blue (80%)

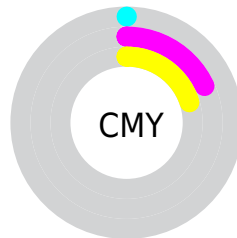


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9395, 71.2206, 66.9239 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 74.9395, 71.2206, 66.9239 by changing the saturation by 10% instead.


 74.9395, 71.2206,
66.9239

 74.9395, 71.2206,
66.9239


466.7100,
464.8242, 468.1680

 55.8573, 52.5222,
48.5616


125.2151,
120.9478, 116.4510

 40.3251, 37.4215,
33.9087

157.1392,
152.7454, 148.4528

 27.9774, 25.5340,
22.5467


194.0747,
189.6782, 185.8382

 18.4490, 16.4754,
14.0570

236.3869,
232.1306, 229.0258

 11.3745, 9.8612,
8.0211

284.4412,
280.4870, 278.4340

 6.3884, 5.3070,
4.0205

338.6029,

 3.1256, 2.4285,

335.1319, 334.4814

1.6366

399.2374,
396.4495, 397.5865

■ 1.2205, 0.8405,
0.3167

■ 0.1225, 0.0000,
0.0000

■ 74.9395, 71.2206,
66.9239

■ 74.9395, 71.2206,
66.9239

■ 66.8871, 59.6161,
50.3657

■ 84.3107, 84.6606,
86.3938

■ 60.0891, 49.7584,
36.5749

95.0500, 100.0000,
108.9000

■ 54.4837, 41.5657,
25.4018

■ 50.0016, 34.9458,
16.6806

■ 46.5664, 29.7976,
10.2264

■ 44.0922, 26.0083,
5.8283

■ 42.4789, 23.4483,
3.2354

■ 41.5882, 21.9564,
2.0461

■ 41.5882, 21.9563,
2.0461

Harmonies

Analogous

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



76.0238, 71.2206, 77.9194



74.9395, 71.2206, 66.9239



71.8948, 71.2206, 59.4831

Triad

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



74.9395, 71.2206, 66.9239



61.0505, 71.2206, 66.3421



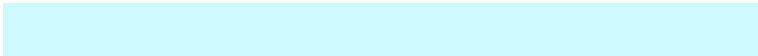
67.5634, 71.2206, 102.8255

Complementary

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



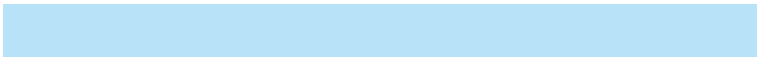
74.9395, 71.2206, 66.9239



77.1363, 88.4257, 107.6101

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.



63.6583, 71.2206, 98.9415



74.9395, 71.2206, 66.9239



59.9943, 71.2206, 77.1761

Square

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



74.9395, 71.2206, 66.9239



63.8743, 71.2206, 59.1722



60.9295, 71.2206, 89.2389



71.6611, 71.2206, 99.3794

Rectangle

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



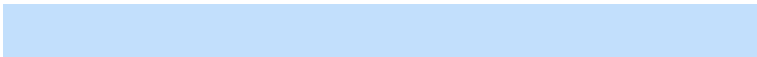
74.9395, 71.2206, 66.9239



69.2232, 71.2206, 57.1297



60.9295, 71.2206, 89.2389



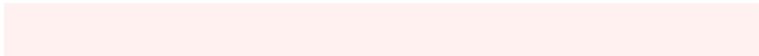
66.1856, 71.2206, 102.3278

Sweetspot

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



74.9413, 71.2238, 66.9254



88.4386, 90.5634, 95.0239



80.2064, 71.3957, 100.6138



18.7820, 19.1735, 20.0302



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.



74.9413, 71.2238, 66.9254



71.5645, 66.3648, 59.9591



81.4911, 84.3234, 69.1087



18.1527, 18.2736, 18.7147



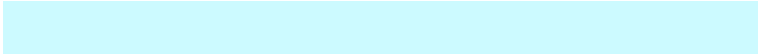
21.7778, 11.5668, 1.0848



2.1660, 1.2174, 0.1208

Inverse Universe

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



77.1363, 88.4257, 107.6101



74.1206, 86.4105, 107.3801



69.9453, 74.0437, 105.2131



18.3935, 20.1587, 23.1715



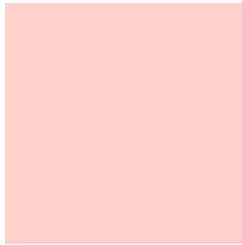
24.2757, 33.4611, 54.6138



2.4060, 3.3426, 5.3317

Previews

White Background



This preview shows how the XYZ color 74.9395, 71.2206, 66.9239 looks on a white background.

Color Contrast Check

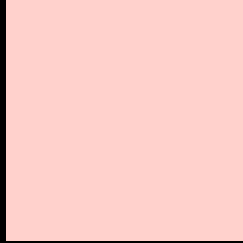
Large Text (above 18pt) WCAG AA × Fail

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 74.9395, 71.2206, 66.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

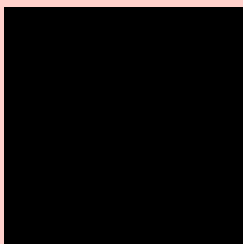
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9395, 71.2206, 66.9239

Background



This preview shows how black text looks on a background with the XYZ color 74.9395, 71.2206, 66.9239.

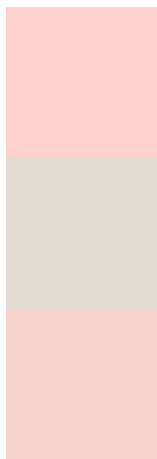


This preview shows how white text looks on a background with the XYZ color 74.9395, 71.2206,

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

74.9395, 71.2206, 66.9239

Protanopia

68.2042, 71.4352, 70.5152

Deuteranopia

72.6807, 71.1729, 66.4070



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.9395, 71.2206, 66.9239

Protanomaly

70.4880, 71.1104, 69.0420

Deuteranomaly

73.4981, 71.2243, 66.3738

Tritanomaly

76.0616, 71.2780, 74.0391

Monochromacy



Original Color

74.9395, 71.2206, 66.9239

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0103, 72.0244, 74.4494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9395, 71.2206, 66.9239 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, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 204)  
}
```

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, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 74.9395, 71.2206, 66.9239 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, 209, 204) }
```


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

```
.border{ border-color:rgb(255, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9395, 71.2206, 66.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 204) }
```

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

```
.background{ background-color: rgb(255,  
209, 204) }
```

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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