

Converting Colors

XYZ(74.3034, 70.6223, 68.0597)

Have a look what the booklet for
XYZ(74.3034, 70.6223, 68.0597)
contains.

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Color

**XYZ(74.2045, 70.4506,
68.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD0CE
RGB	253, 208, 206
RGB Percent	99%, 82%, 81%
CMY	0.0078, 0.1843, 0.1922
CMYK	0.00, 0.18, 0.19, 0.01
HSL	3°, 92%, 90%
HSV	3°, 19%, 99%
XYZ	74.2045, 70.4506, 68.0799
YIQ	221.2270, 27.4620, 8.9180

Conversions

Conversions Part 2

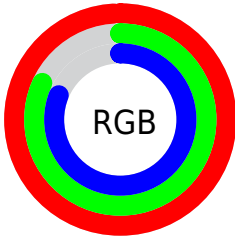
Format	Color
R _Y B	253, 208, 206
Decimal	16634062
CIE Lab	87.22, 15.50, 6.94
CIE LCh	87, 16.979, 24.125
Yxy	70.4506, 0.3488, 0.3312
Android (android.graphics.Color)	4294824142 (0xFFFD0CE)
YUV	221.2270, -7.5069, 27.8649
Hunter-Lab	83.9349, 10.9209, 10.6640

Details

The XYZ color **74.2045, 70.4506, 68.0799** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6799, 89.2061, 106.0535**, and the grayscale version is **68.9259, 72.5154, 78.9692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9880, 37.1140, 34.7619** is the 20% darker color. If you saturate the color by 10%, you get **65.9141, 58.3984, 51.3536**, and if you desaturate by 10%, it is **83.8954, 84.5106, 87.7153**.

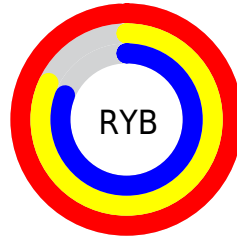
Distribution



Red (99%)

Green (82%)

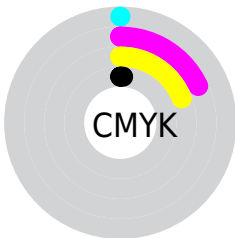
Blue (81%)



Red (99%)

Yellow (82%)

Blue (81%)

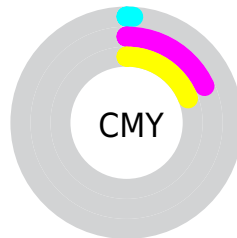


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2045, 70.4506, 68.0799 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 74.2045, 70.4506, 68.0799 by changing the saturation by 10% instead.


 74.2045, 70.4506,
68.0799

 74.2045, 70.4506,
68.0799


464.2183,
462.1306, 472.3848

 55.2533, 51.8940,
49.4956


124.1796,
119.8511, 118.1217

 39.8392, 36.9206,
34.6444


155.9342,
151.4638, 150.4164

 27.5969, 25.1460,
23.1078

192.6874,
188.1973, 188.1183

 18.1609, 16.1859,
14.4670

234.8044,
230.4360, 231.6459

 11.1659, 9.6558,
8.3038

282.6506,
278.5642, 281.4178

 6.2467, 5.1713,
4.1994

336.5914,

 3.0377, 2.3481,

332.9665, 337.8526

1.7354

396.9922,
394.0271, 401.3687

■ 1.1737, 0.7990,
0.3848

■ 0.0855, 0.0000,
0.0000

■ 74.2045, 70.4506,
68.0799

■ 74.2045, 70.4506,
68.0799

■ 65.9141, 58.3984,
51.3536

■ 83.8954, 84.5106,
87.7153

■ 58.9538, 48.2535,
37.3940

94.3183, 99.6228,
108.8658

■ 53.2563, 39.9210,
26.0534

■ 48.7456, 33.2941,
17.1683

■ 45.3381, 28.2549,
10.5573

■ 42.9387, 24.6707,
6.0136

■ 41.4367, 22.3867,
3.2931

■ 40.6883, 21.2112,
2.0531

■ 40.6256, 21.1174,
1.9348

Harmonies

Analogous

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



74.8805, 70.4506, 78.9780



74.2045, 70.4506, 68.0799



71.5550, 70.4506, 60.2576

Triad

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



74.2045, 70.4506, 68.0799



60.9392, 70.4506, 64.5482



66.1796, 70.4506, 100.6880

Complementary

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



74.2045, 70.4506, 68.0799



77.6799, 89.2061, 106.0535

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.



62.5683, 70.4506, 95.9107



74.2045, 70.4506, 68.0799



59.6209, 70.4506, 74.4834

Square

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



74.2045, 70.4506, 68.0799



63.8763, 70.4506, 58.3646



60.2053, 70.4506, 86.0375



70.1439, 70.4506, 98.5425

Rectangle

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



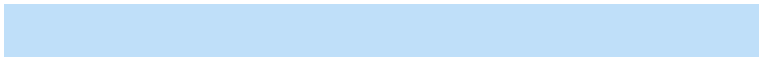
74.2045, 70.4506, 68.0799



69.0802, 70.4506, 57.4688



60.2053, 70.4506, 86.0375



64.8860, 70.4506, 99.8248

Sweetspot

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



74.2064, 70.4538, 68.0814



88.1876, 90.0614, 94.9402



80.0611, 72.0186, 101.3074



18.7229, 19.0553, 20.0105



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

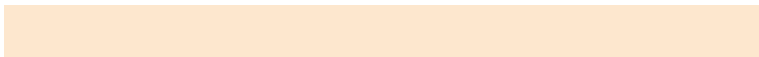
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2064, 70.4538, 68.0814



72.4921, 67.2887, 63.1392



80.2440, 82.5289, 70.0939



18.0715, 18.1111, 18.6877



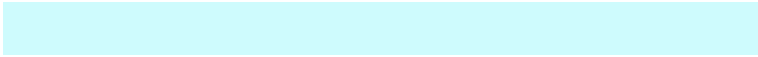
21.6373, 11.2859, 1.0380



2.1276, 1.1406, 0.1080

Inverse Universe

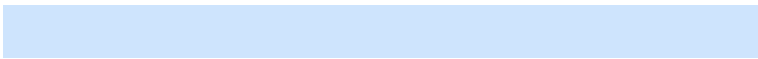
The Inverse Universe completely reimagines the original color for something new.



77.6799, 89.2061, 106.0535



76.5781, 89.3514, 107.8182



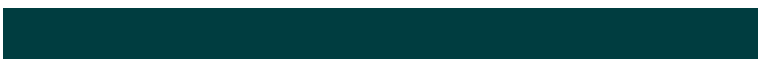
70.9092, 75.6648, 103.7967



18.4846, 20.3407, 23.2019



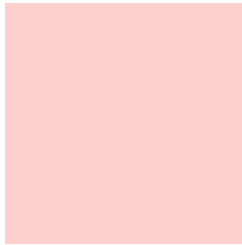
26.3843, 37.6782, 55.3166



2.5887, 3.7081, 5.3926

Previews

White Background



This preview shows how the XYZ color 74.2045, 70.4506, 68.0799 looks on a white background.

Color Contrast Check

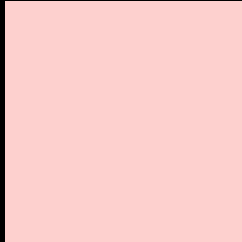
Large Text (above 18pt) WCAG AA × Fail

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 74.2045, 70.4506, 68.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

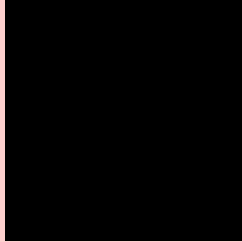
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2045, 70.4506, 68.0799

Background



This preview shows how black text looks on a background with the XYZ color 74.2045, 70.4506, 68.0799.



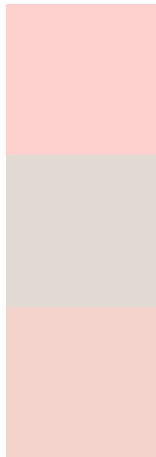
This preview shows how white text looks on a background with the XYZ color 74.2045, 70.4506,

68.0799.

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

74.2045, 70.4506, 68.0799

Protanopia

67.5697, 70.6932, 71.7119

Deuteranopia

71.9699, 70.4088, 67.5546



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

74.2045, 70.4506, 68.0799

Protanomaly

69.8161, 70.3588, 70.2225

Deuteranomaly

72.7774, 70.4574, 67.5215

Tritanomaly

75.5805, 70.6543, 74.6199

Monochromacy



Original Color

74.2045, 70.4506, 68.0799

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5548, 71.3932, 75.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2045, 70.4506, 68.0799 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(253, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 208, 206)  
}
```

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(253, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 74.2045, 70.4506, 68.0799 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(253, 208, 206) }
```


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

```
.border{ border-color:rgb(253, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2045, 70.4506, 68.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 208, 206) }
```

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

```
.background{ background-color: rgb(253,  
208, 206) }
```

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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