

Converting Colors

XYZ(74.3176, 70.4922, 72.6110)

Have a look what the booklet for
XYZ(74.3176, 70.4922, 72.6110)
contains.

XYZ(74.3498, 70.4251, 72.6255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.3498, 70.4251,
72.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0D5
RGB	251, 208, 213
RGB Percent	98%, 82%, 84%
CMY	0.0157, 0.1843, 0.1647
CMYK	0.00, 0.17, 0.15, 0.02
HSL	353°, 84%, 90%
HSV	353°, 17%, 98%
XYZ	74.3498, 70.4251, 72.6255
YIQ	221.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

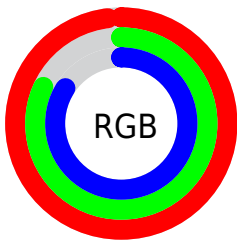
Format	Color
R _Y B	251, 208, 213
Decimal	16502997
CIE Lab	87.20, 15.85, 3.19
CIE LCh	87, 16.169, 11.393
Yxy	70.4251, 0.3420, 0.3239
Android (android.graphics.Color)	4294693077 (0xFFFB0D5)
YUV	221.4270, -4.1545, 25.9355
Hunter-Lab	83.9197, 11.2852, 7.4332

Details

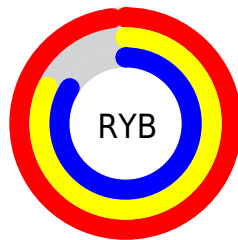
The XYZ color **74.3498, 70.4251, 72.6255** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1470, 89.0599, 100.3174**, and the grayscale version is **69.0454, 72.6412, 79.1062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9753, 37.0492, 37.3920** is the 20% darker color. If you saturate the color by 10%, you get **66.0820, 58.0911, 56.9148**, and if you desaturate by 10%, it is **83.9751, 84.8562, 90.6906**.

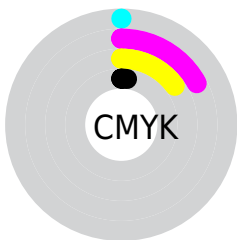
Distribution



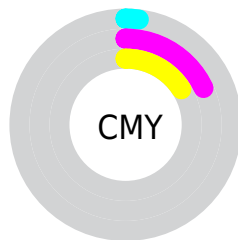
- Red (98%)
- Green (82%)
- Blue (84%)



- Red (98%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3498, 70.4251, 72.6255 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 74.3498, 70.4251, 72.6255 by changing the saturation by 10% instead.

 74.3498, 70.4251,
72.6255

 74.3498, 70.4251,
72.6255


464.7115,
462.0412, 488.7518

 55.3727, 51.8732,
53.1798


124.3844,
119.8148, 124.6614

 39.9352, 36.9040,
37.5576


156.1726,
151.4213, 158.0887

 27.6720, 25.1332,
25.3404


192.9618,
188.1482, 197.0137

 18.2178, 16.1763,
16.1095

235.1175,
230.3798, 241.8548

 11.2071, 9.6490,
9.4465

283.0049,
278.5005, 293.0306

 6.2746, 5.1669,
4.9328

336.9895,

 3.0550, 2.3455,

332.8947, 350.9597

2.1498

397.4366,
393.9468, 416.0606

■ 1.1829, 0.7976,
0.6452

■ 0.0928, 0.0000,
0.0000

■ 74.3498, 70.4251,
72.6255

■ 74.3498, 70.4251,
72.6255

■ 66.0820, 58.0911,
56.9148

■ 83.9751, 84.8562,
90.6906

■ 59.1048, 47.7478,
43.4572

■ 93.5940, 99.2494,
108.8319

■ 53.3547, 39.2934,
32.1502

■ 48.7600, 32.6135,
22.8822

■ 45.2419, 27.5815,
15.5310

■ 42.7115, 24.0536,
9.9614

■ 41.0652, 21.8615,
6.0203

■ 40.1735, 20.7903,
3.5273

■ 40.0078, 20.5989,
3.0403

Harmonies

Analogous

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



74.0952, 70.4251, 83.5458



74.3498, 70.4251, 72.6255



72.5630, 70.4251, 63.6733

Triad

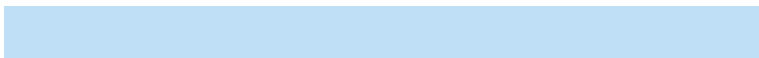
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3498, 70.4251, 72.6255



62.2259, 70.4251, 62.0444



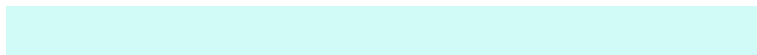
64.6350, 70.4251, 98.2463

Complementary

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



74.3498, 70.4251, 72.6255



77.1470, 89.0599, 100.3174

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.



61.6094, 70.4251, 91.3495



74.3498, 70.4251, 72.6255



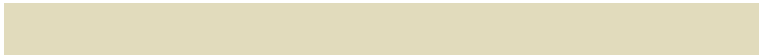
60.2553, 70.4251, 70.2029

Square

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



74.3498, 70.4251, 72.6255



65.5055, 70.4251, 57.9609



60.0339, 70.4251, 80.8847



68.3891, 70.4251, 99.0515

Rectangle

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



74.3498, 70.4251, 72.6255



70.4927, 70.4251, 59.7547



60.0339, 70.4251, 80.8847



63.5028, 70.4251, 96.5351

Sweetspot

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



74.3518, 70.4283, 72.6270



89.3550, 91.4285, 98.3122



77.9708, 71.6699, 100.9917



18.9607, 19.3215, 20.7354



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

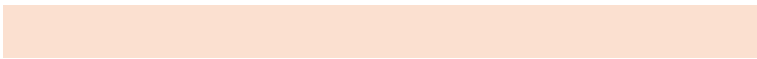
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3518, 70.4283, 72.6270



73.5765, 67.7813, 68.6682



77.9567, 78.6375, 70.7482



17.3266, 17.2580, 18.3097



21.0560, 10.8381, 1.7374



1.9758, 1.0140, 0.2958

Inverse Universe

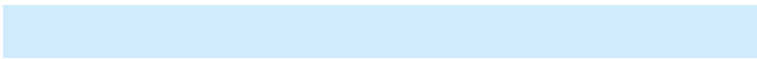
The Inverse Universe completely reimagines the original color for something new.



74.3518, 70.4283, 72.6270



73.5765, 67.7813, 68.6682



72.9978, 79.5178, 102.7686



17.3266, 17.2580, 18.3097



21.0560, 10.8381, 1.7374



1.9758, 1.0140, 0.2958

Previews

White Background



This preview shows how the XYZ color 74.3498, 70.4251, 72.6255 looks on a white background.

Color Contrast Check

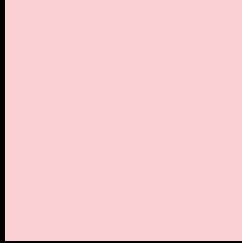
Large Text (above 18pt) WCAG AA × Fail

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 74.3498, 70.4251, 72.6255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

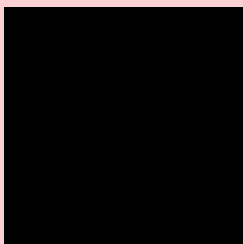
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3498, 70.4251, 72.6255

Background



This preview shows how black text looks on a background with the XYZ color 74.3498, 70.4251, 72.6255.



This preview shows how white text looks on a background with the XYZ color 74.3498, 70.4251,

72.6255.

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

74.3498, 70.4251, 72.6255

Protanopia

67.8505, 70.7344, 76.4067

Deuteranopia

71.7959, 70.2192, 72.0570



Tritanopia

75.7770, 70.6488, 79.4547

Trichromacy



Original Color

74.3498, 70.4251, 72.6255

Protanomaly

70.0455, 70.3746, 74.8576

Deuteranomaly

72.5864, 70.2591, 72.0230

Tritanomaly

75.2439, 70.4356, 76.6475

Monochromacy



Original Color

74.3498, 70.4251, 72.6255

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.4895, 71.3295, 76.3824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3498, 70.4251, 72.6255 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(251, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 213)  
}
```

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(251, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.3498, 70.4251, 72.6255 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(251, 208, 213) }
```


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

```
.border{ border-color:rgb(251, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3498, 70.4251, 72.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 213) }
```

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

```
.background{ background-color: rgb(251,  
208, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor