

Converting Colors

XYZ(73.4738, 70.5746, 74.8591)

Have a look what the booklet for
XYZ(73.4738, 70.5746, 74.8591)
contains.

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Color

**XYZ(73.4473, 70.6439,
74.7303)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D2D8
RGB	246, 210, 216
RGB Percent	96%, 82%, 85%
CMY	0.0353, 0.1764, 0.1529
CMYK	0.00, 0.15, 0.12, 0.04
HSL	350°, 67%, 89%
HSV	350°, 15%, 96%
XYZ	73.4473, 70.6439, 74.7303
YIQ	221.4480, 19.5300, 9.4980

Conversions

Conversions Part 2

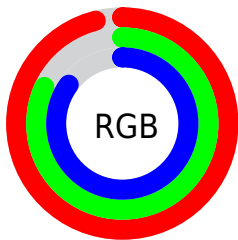
Format	Color
R _Y B	246, 210, 216
Decimal	16175832
CIE Lab	87.31, 13.52, 1.71
CIE LCh	87, 13.625, 7.192
Yxy	70.6439, 0.3356, 0.3228
Android (android.graphics.Color)	4294365912 (0xFFFF6D2D8)
YUV	221.4480, -2.6859, 21.5321
Hunter-Lab	84.0499, 8.8954, 6.1191

Details

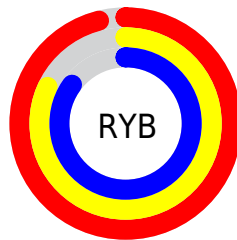
The XYZ color **73.4473, 70.6439, 74.7303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2651, 85.9062, 95.0569**, and the grayscale version is **69.0524, 72.6485, 79.1143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1406, 36.8347, 38.7651** is the 20% darker color. If you saturate the color by 10%, you get **65.3472, 58.4237, 59.7588**, and if you desaturate by 10%, it is **82.8157, 84.8698, 91.7580**.

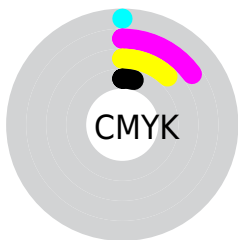
Distribution



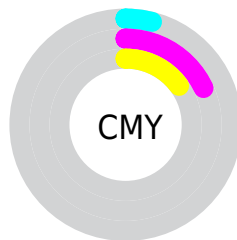
- Red (96%)
- Green (82%)
- Blue (85%)



- Red (96%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4473, 70.6439, 74.7303 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 73.4473, 70.6439, 74.7303 by changing the saturation by 10% instead.


 73.4473, 70.6439,
74.7303

 73.4473, 70.6439,
74.7303


461.6434,
462.8076, 496.2207

 54.6315, 52.0516,
54.8916


123.1117,
120.1265, 127.6741

 39.3394, 37.0462,
38.9169

154.6910,
151.7857, 161.6163

 27.2058, 25.2433,
26.3878


191.2555,
188.5693, 201.0966

 17.8652, 16.2584,
16.8856

233.1706,
230.8618, 246.5338

 10.9524, 9.7072,
9.9919

280.8015,
279.0474, 298.3462

 6.1019, 5.2053,
5.2880

334.5138,

 2.9484, 2.3682,

333.5107, 356.9525

2.3555

394.6726,
394.6360, 422.7711

■ 1.1265, 0.8095,
0.7621

■ 0.0471, 0.0000,
0.0000

■ 73.4473, 70.6439,
74.7303

■ 73.4473, 70.6439,
74.7303

■ 65.3472, 58.4237,
59.7588

■ 82.8157, 84.8698,
91.7580

■ 58.4548, 48.1099,
46.7608

■ 91.8164, 98.3330,
108.7487

■ 52.7135, 39.6089,
35.6549

■ 48.0596, 32.8155,
26.3521

■ 44.4232, 27.6136,
18.7560

■ 41.7263, 23.8726,
12.7614

■ 39.8788, 21.4410,
8.2506

■ 38.7723, 20.1339,
5.0893

■ 38.4062, 19.7529,
3.8840

Harmonies

Analogous

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



72.9881, 70.6439, 83.9665



73.4473, 70.6439, 74.7303



72.1754, 70.6439, 66.7348

Triad

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



73.4473, 70.6439, 74.7303



63.4877, 70.6439, 63.6973



64.7840, 70.6439, 94.3648

Complementary

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



73.4473, 70.6439, 74.7303



75.2651, 85.9062, 95.0569

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.



62.3538, 70.6439, 88.0904



73.4473, 70.6439, 74.7303



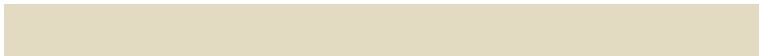
61.6222, 70.6439, 70.2777

Square

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



73.4473, 70.6439, 74.7303



66.3762, 70.6439, 60.7021



61.2138, 70.6439, 79.1504



67.9195, 70.6439, 95.7945

Rectangle

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



73.4473, 70.6439, 74.7303



70.5400, 70.6439, 63.0166



61.2138, 70.6439, 79.1504



63.8605, 70.6439, 92.7295

Sweetspot

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



73.4493, 70.6470, 74.7318



90.5432, 93.1284, 100.7943



75.6185, 71.2756, 96.9616



19.2041, 19.6654, 21.2568



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.



73.4493, 70.6470, 74.7318



76.5563, 71.9065, 75.3165



75.7624, 76.4913, 71.7478



16.6117, 16.5275, 17.7019



20.5336, 10.5569, 2.2522



1.8365, 0.9406, 0.3653

Inverse Universe

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



73.4493, 70.6470, 74.7318



76.5563, 71.9065, 75.3165



72.6383, 79.2035, 98.6489



16.6117, 16.5275, 17.7019



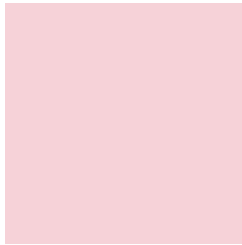
20.5336, 10.5569, 2.2522



1.8365, 0.9406, 0.3653

Previews

White Background



This preview shows how the XYZ color 73.4473, 70.6439, 74.7303 looks on a white background.

Color Contrast Check

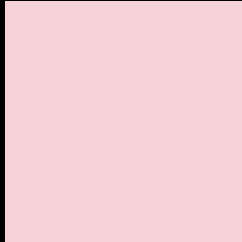
Large Text (above 18pt) WCAG AA × Fail

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 73.4473, 70.6439, 74.7303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

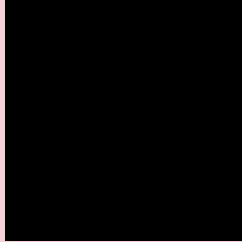
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4473, 70.6439, 74.7303

Background



This preview shows how black text looks on a background with the XYZ color 73.4473, 70.6439, 74.7303.

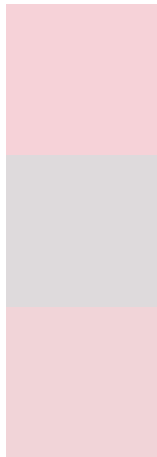


This preview shows how white text looks on a background with the XYZ color 73.4473, 70.6439,

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

73.4473, 70.6439, 74.7303

Protanopia

68.1139, 70.8397, 77.7936

Deuteranopia

72.2138, 70.7456, 74.8149



Tritanopia

74.7488, 70.8113, 80.9624

Trichromacy



Original Color

73.4473, 70.6439, 74.7303

Protanomaly

70.0416, 70.7043, 76.9735

Deuteranomaly

72.6511, 70.6011, 74.7640

Tritanomaly

74.3431, 70.6490, 78.8256

Monochromacy



Original Color

73.4473, 70.6439, 74.7303

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2322, 71.5632, 77.1293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4473, 70.6439, 74.7303 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(246, 210, 216) looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 216)  
}
```

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(246, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.4473, 70.6439, 74.7303 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(246, 210, 216) }
```


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

```
.border{ border-color:rgb(246, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4473, 70.6439, 74.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 216) }
```

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

```
.background{ background-color: rgb(246,  
210, 216) }
```

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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