

Converting Colors

XYZ(73.8805, 72.8162, 74.5821)

Have a look what the booklet for
XYZ(73.8805, 72.8162, 74.5821)
contains.

XYZ(73.8744, 72.7403, 74.4367)	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(73.8744, 72.7403,
74.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7D7
RGB	244, 215, 215
RGB Percent	96%, 84%, 84%
CMY	0.0431, 0.1568, 0.1569
CMYK	0.00, 0.12, 0.12, 0.04
HSL	0°, 57%, 90%
HSV	0°, 12%, 96%
XYZ	73.8744, 72.7403, 74.4367
YIQ	223.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

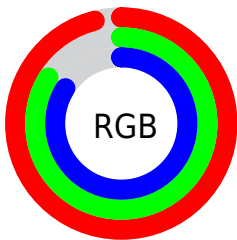
Format	Color
RYB	244, 215, 215
Decimal	16046039
CIELab	88.32, 10.04, 3.68
CIElCh	88, 10.697, 20.133
Yxy	72.7403, 0.3342, 0.3291
Android (android.graphics.Color)	4294236119 (0xFFFF4D7D7)
YUV	223.6710, -4.2748, 17.8285
Hunter-Lab	85.2879, 5.3586, 7.9550

Details

The XYZ color **73.8744, 72.7403, 74.4367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7037, 85.6783, 98.0835**, and the grayscale version is **70.6394, 74.3181, 80.9324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6550, 38.3710, 38.5740** is the 20% darker color. If you saturate the color by 10%, you get **65.2144, 60.0688, 57.2179**, and if you desaturate by 10%, it is **83.9324, 87.4579, 94.4302**.

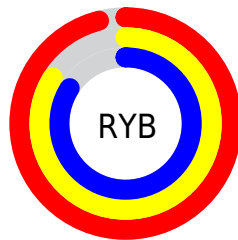
Distribution



Red (96%)

Green (84%)

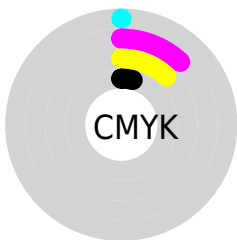
Blue (84%)



Red (96%)

Yellow (84%)

Blue (84%)

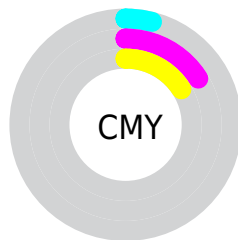


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (4%)



Cyan (4%)


Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8744, 72.7403, 74.4367 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 73.8744, 72.7403, 74.4367 by changing the saturation by 10% instead.


 73.8744, 72.7403,
74.4367

 73.8744, 72.7403,
74.4367


463.0968,
470.1142, 495.1829

 54.9822, 53.7636,
54.6526


123.7142,
123.1085, 127.2544

 39.6212, 38.4127,
38.7269


155.3925,
155.2688, 161.1251

 27.4262, 26.3032,
26.2412


192.0635,
192.5924, 200.5284

 18.0318, 17.0506,
16.7768

234.0926,
235.4637, 245.8828

 11.0727, 10.2706,
9.9152

281.8451,
284.2672, 297.6070

 6.1834, 5.5787,
5.2379

335.6864,

 2.9986, 2.5906,

339.3872, 356.1193

2.3263

395.9818,
401.2080, 421.8384

■ 1.1530, 0.9220,
0.7459

■ 0.0688, 0.0000,
0.0000

■ 73.8744, 72.7403,
74.4367

■ 73.8744, 72.7403,
74.4367

■ 65.2144, 60.0688,
57.2179

■ 83.9324, 87.4579,
94.4302

■ 57.8849, 49.3438,
42.6468

■ 91.1185, 97.9733,
108.7160

■ 51.8218, 40.4718,
30.5936

■ 46.9534, 33.3478,
20.9156

■ 43.2008, 27.8565,
13.4561

■ 40.4756, 23.8685,
8.0393

■ 38.6763, 21.2352,
4.4631

■ 37.6803, 19.7775,
2.4840

■ 37.3089, 19.2340,
1.7461

Harmonies

Analogous

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



74.1135, 72.7403, 81.6481



73.8744, 72.7403, 74.4367



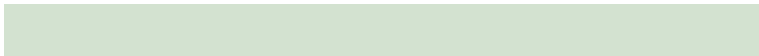
72.3488, 72.7403, 68.8432

Triad

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



73.8744, 72.7403, 74.4367



65.4190, 72.7403, 70.4846



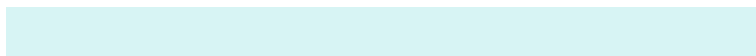
68.2954, 72.7403, 93.9556

Complementary

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



73.8744, 72.7403, 74.4367



76.7037, 85.6783, 98.0835

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.



66.0226, 72.7403, 90.5506



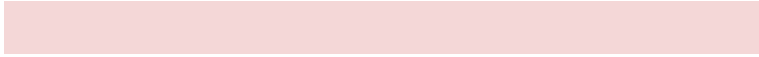
73.8744, 72.7403, 74.4367



64.3893, 72.7403, 76.8049

Square

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



73.8744, 72.7403, 74.4367



67.4530, 72.7403, 66.6612



64.6075, 72.7403, 84.1661



70.8498, 72.7403, 93.2241

Rectangle

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



73.8744, 72.7403, 74.4367



70.8279, 72.7403, 66.6412



64.6075, 72.7403, 84.1661



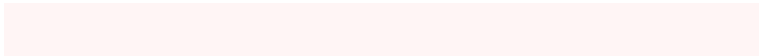
67.4742, 72.7403, 93.2492

Sweetspot

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



73.8764, 72.7435, 74.4382



90.2833, 93.0252, 99.4234



77.9386, 74.3666, 95.8350



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



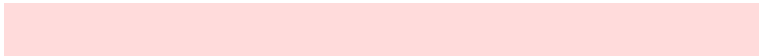
20.3446, 21.4041, 23.3091

Same Dimension

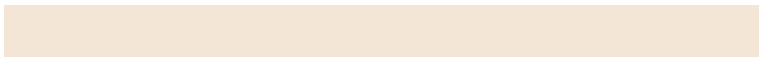
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8764, 72.7435, 74.4382



79.4770, 77.2128, 77.9398



77.7327, 80.4560, 75.7237



16.4994, 16.4829, 17.1095



20.2865, 10.4585, 0.9495



1.7831, 0.9193, 0.0835

Inverse Universe

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



76.7037, 85.6783, 98.0835



83.1121, 93.8432, 108.3408



72.5123, 77.2954, 96.6864



16.9966, 18.7574, 21.2673



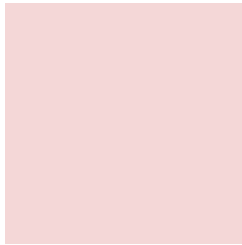
26.4635, 38.7208, 52.6171



2.3260, 3.4033, 4.6246

Previews

White Background



This preview shows how the XYZ color 73.8744, 72.7403, 74.4367 looks on a white background.

Color Contrast Check

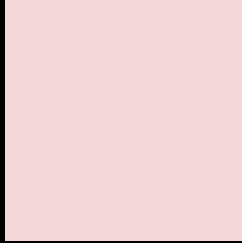
Large Text (above 18pt) WCAG AA × Fail

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 73.8744, 72.7403, 74.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

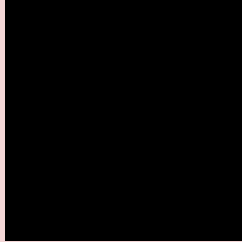
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8744, 72.7403, 74.4367

Background



This preview shows how black text looks on a background with the XYZ color 73.8744, 72.7403, 74.4367.



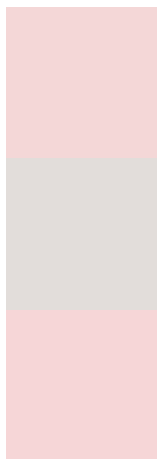
This preview shows how white text looks on a background with the XYZ color 73.8744, 72.7403,

74.4367.

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

73.8744, 72.7403, 74.4367

Protanopia

69.8754, 72.9436, 76.7264

Deuteranopia

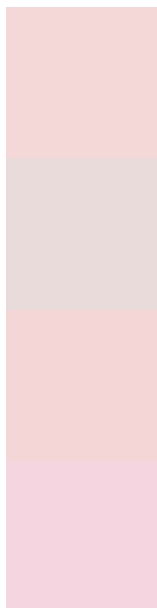
74.3183, 72.5923, 74.3847



Tritanopia

75.9431, 72.8385, 84.1853

Trichromacy



Original Color

73.8744, 72.7403, 74.4367

Protanomaly

71.4602, 72.9964, 75.9690

Deuteranomaly

73.9685, 72.4119, 74.3683

Tritanomaly

75.1573, 72.8874, 80.6285

Monochromacy



Original Color

73.8744, 72.7403, 74.4367

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8626, 73.9223, 78.8875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8744, 72.7403, 74.4367 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(244, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 215)  
}
```

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(244, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 73.8744, 72.7403, 74.4367 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(244, 215, 215) }
```


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

```
.border{ border-color:rgb(244, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8744, 72.7403, 74.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 215) }
```

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

```
.background{ background-color: rgb(244,  
215, 215) }
```

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