

Converting Colors

XYZ(73.4638, 72.7037, 79.0525)

Have a look what the booklet for
XYZ(73.4638, 72.7037, 79.0525)
contains.

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Color

**XYZ(73.6759, 72.9109,
79.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D8DE
RGB	240, 216, 222
RGB Percent	94%, 85%, 87%
CMY	0.0588, 0.1529, 0.1294
CMYK	0.00, 0.10, 0.07, 0.06
HSL	345°, 44%, 89%
HSV	345°, 10%, 94%
XYZ	73.6759, 72.9109, 79.2973
YIQ	223.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

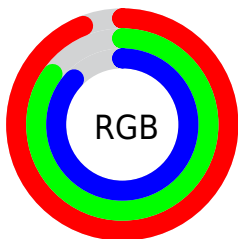
Format	Color
R _Y B	240, 216, 222
Decimal	15784158
CIE Lab	88.41, 9.28, 0.07
CIE LCh	88, 9.281, 0.421
Yxy	72.9109, 0.3262, 0.3228
Android (android.graphics.Color)	4293974238 (0xFFFF0D8DE)
YUV	223.8600, -0.9170, 14.1548
Hunter-Lab	85.3879, 4.5878, 4.7106

Details

The XYZ color **73.6759, 72.9109, 79.2973** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3331, 82.8616, 89.9221**, and the grayscale version is **70.7535, 74.4381, 81.0631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4871, 38.4701, 41.9035** is the 20% darker color. If you saturate the color by 10%, you get **65.6854, 60.5867, 65.3581**, and if you desaturate by 10%, it is **82.8263, 87.1406, 94.8961**.

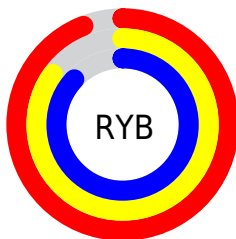
Distribution



Red (94%)

Green (85%)

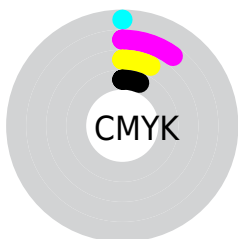
Blue (87%)



Red (94%)

Yellow (85%)

Blue (87%)

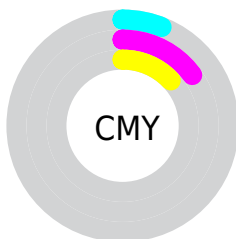


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6759, 72.9109, 79.2973 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 73.6759, 72.9109, 79.2973 by changing the saturation by 10% instead.


 73.6759, 72.9109,
79.2973

 73.6759, 72.9109,
79.2973


462.4216,
470.7059, 512.2057

 54.8192, 53.9031,
58.6175


123.4342,
123.3507, 134.1798

 39.4902, 38.5242,
41.8873


155.0665,
155.5515, 169.2195

 27.3237, 26.3898,
28.6882


191.6881,
192.9188, 209.8831

 17.9544, 17.1155,
18.6015

233.6642,
235.8369, 256.5889

 11.0167, 10.3169,
11.2088

281.3603,
284.6903, 309.7555

 6.1455, 5.6095,
6.0915

335.1416,

 2.9752, 2.6091,

339.8634, 369.8015

2.8311

395.3736,
401.7404, 437.1454

■ 1.1407, 0.9313,
1.0091

■ 0.0587, 0.0000,
0.0000

■ 73.6759, 72.9109,
79.2973

■ 73.6759, 72.9109,
79.2973

■ 65.6854, 60.5867,
65.3581

■ 82.8263, 87.1406,
94.8961

■ 58.8017, 50.0777,
53.0185

■ 89.7457, 97.2655,
108.6518

■ 52.9768, 41.3004,
42.2215

■ 48.1568, 34.1613,
32.9051

■ 44.2828, 28.5577,
25.0029

■ 41.2896, 24.3754,
18.4431

■ 39.1032, 21.4839,
13.1472

■ 37.6367, 19.7287,
9.0276

■ 36.7506, 18.8516,
5.9730

Harmonies

Analogous

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



73.0955, 72.9109, 85.6041



73.6759, 72.9109, 79.2973



73.0629, 72.9109, 73.3311

Triad

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



73.6759, 72.9109, 79.2973



67.1513, 72.9109, 69.2631



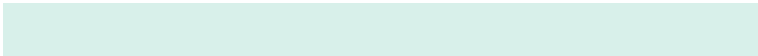
67.2048, 72.9109, 90.5521

Complementary

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



73.6759, 72.9109, 79.2973



74.3331, 82.8616, 89.9221

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.



65.6679, 72.9109, 85.7687



73.6759, 72.9109, 79.2973



65.6375, 72.9109, 73.4795

Square

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



73.6759, 72.9109, 79.2973



69.2681, 72.9109, 67.7313



65.1002, 72.9109, 79.4779



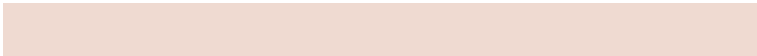
69.3312, 72.9109, 92.3098

Rectangle

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



73.6759, 72.9109, 79.2973



72.0673, 72.9109, 70.2948



65.1002, 72.9109, 79.4779



66.6037, 72.9109, 89.2325

Sweetspot

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



73.6780, 72.9141, 79.2989



91.7476, 94.8517, 103.3091



74.2182, 72.8988, 92.5983



19.4533, 20.0150, 21.7990



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

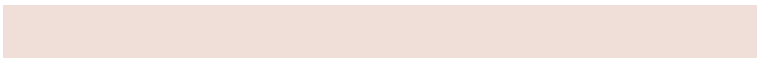
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6780, 72.9141, 79.2989



82.5753, 80.6154, 87.5864



74.4535, 75.7286, 75.6625



15.9348, 15.8236, 17.2129



20.1622, 10.3373, 3.5047



1.7159, 0.8754, 0.4946

Inverse Universe

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



73.6780, 72.9141, 79.2989



82.5753, 80.6154, 87.5864



73.4724, 79.7382, 93.9577



15.9348, 15.8236, 17.2129



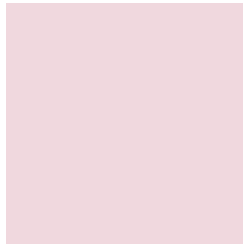
20.1622, 10.3373, 3.5047



1.7159, 0.8754, 0.4946

Previews

White Background



This preview shows how the XYZ color 73.6759, 72.9109, 79.2973 looks on a white background.

Color Contrast Check

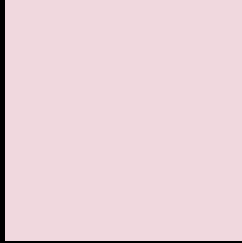
Large Text (above 18pt) WCAG AA × Fail

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 73.6759, 72.9109, 79.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

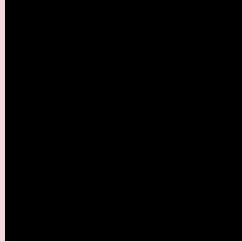
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6759, 72.9109, 79.2973

Background



This preview shows how black text looks on a background with the XYZ color 73.6759, 72.9109, 79.2973.



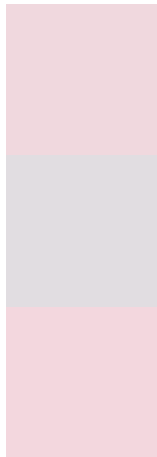
This preview shows how white text looks on a background with the XYZ color 73.6759, 72.9109,

79.2973.

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

73.6759, 72.9109, 79.2973

Protanopia

70.4984, 73.1567, 81.6392

Deuteranopia

74.4474, 72.9295, 79.2602



Tritanopia

74.9999, 73.0712, 85.7525

Trichromacy



Original Color

73.6759, 72.9109, 79.2973

Protanomaly

71.4192, 72.8678, 80.8217

Deuteranomaly

74.1032, 72.7520, 79.2441

Tritanomaly

74.5797, 72.9031, 83.5397

Monochromacy



Original Color

73.6759, 72.9109, 79.2973

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8089, 73.8636, 80.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6759, 72.9109, 79.2973 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(240, 216, 222) looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 222)  
}
```

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(240, 216, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.6759, 72.9109, 79.2973 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(240, 216, 222) }
```


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

```
.border{ border-color:rgb(240, 216, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6759, 72.9109, 79.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 222) }
```

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

```
.background{ background-color: rgb(240,  
216, 222) }
```

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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