

Converting Colors

XYZ(74.4665, 74.3356, 79.4634)

Have a look what the booklet for
XYZ(74.4665, 74.3356, 79.4634)
contains.

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Color

**XYZ(74.4515, 74.4622,
79.5559)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBDE
RGB	240, 219, 222
RGB Percent	94%, 86%, 87%
CMY	0.0588, 0.1412, 0.1294
CMYK	0.00, 0.09, 0.07, 0.06
HSL	351°, 41%, 90%
HSV	351°, 9%, 94%
XYZ	74.4515, 74.4622, 79.5559
YIQ	225.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

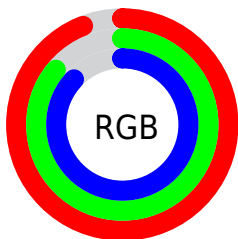
Format	Color
R _Y B	240, 219, 222
Decimal	15784926
CIE Lab	89.14, 7.72, 1.14
CIE LCh	89, 7.801, 8.407
Yxy	74.4622, 0.3259, 0.3259
Android (android.graphics.Color)	4293975006 (0xFFFF0DBDE)
YUV	225.6210, -1.7852, 12.6104
Hunter-Lab	86.2915, 2.9981, 5.7420

Details

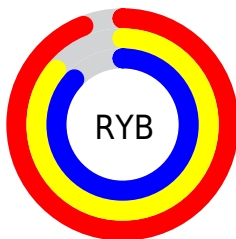
The XYZ color **74.4515, 74.4622, 79.5559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6624, 83.4965, 92.2534**, and the grayscale version is **72.0235, 75.7743, 82.5182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0177, 39.5313, 42.0804** is the 20% darker color. If you saturate the color by 10%, you get **66.0447, 61.7953, 63.9683**, and if you desaturate by 10%, it is **84.1017, 89.0756, 97.2202**.

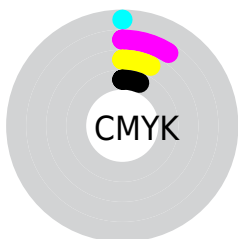
Distribution



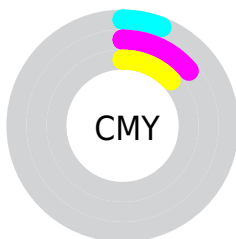
- Red (94%)
- Green (86%)
- Blue (87%)



- Red (94%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (6%)




- Cyan (6%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4515, 74.4622, 79.5559 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 74.4515, 74.4622, 79.5559 by changing the saturation by 10% instead.


 74.4515, 74.4622,
79.5559

 74.4515, 74.4622,
79.5559


465.0565,
476.0670, 513.1022

 55.4562, 55.1724,
58.8290

124.5277,
125.5508, 134.5469

 40.0024, 39.5398,
42.0563


156.3394,
158.1184, 169.6481

 27.7246, 27.1799,
28.8195


193.1539,
195.8807, 210.3777

 18.2576, 17.7084,
18.6999

235.3366,
239.2222, 257.1544

 11.2359, 10.7408,
11.2790

283.2528,
288.5271, 310.3966

 6.2942, 5.8928,
6.1383

337.2680,

 3.0671, 2.7800,

344.1800, 370.5230

2.8592

397.7474,
406.5652, 437.9520

■ 1.1894, 1.0180,
1.0232

■ 0.0979, 0.0000,
0.0000

■ 74.4515, 74.4622,
79.5559

■ 74.4515, 74.4622,
79.5559

■ 66.0447, 61.7953,
63.9683

■ 84.1017, 89.0756,
97.2202

■ 58.8247, 50.9834,
50.3761

■ 89.7456, 97.2655,
108.6518

■ 52.7394, 41.9423,
38.7001

■ 47.7307, 34.5773,
28.8534

■ 43.7351, 28.7850,
20.7429

■ 40.6826, 24.4505,
14.2668

■ 38.4938, 21.4432,
9.3128

■ 37.0761, 19.6089,
5.7539

■ 36.2993, 18.7232,
3.4364

Harmonies

Analogous

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



74.2271, 74.4622, 84.9899



74.4515, 74.4622, 79.5559



73.6768, 74.4622, 74.7464

Triad

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



74.4515, 74.4622, 79.5559



68.5278, 74.4622, 73.1481



69.4376, 74.4622, 91.2038

Complementary

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



74.4515, 74.4622, 79.5559



75.6624, 83.4965, 92.2534

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.



67.9486, 74.4622, 87.7547



74.4515, 74.4622, 79.5559



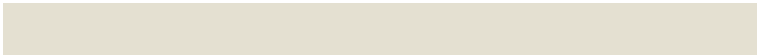
67.4299, 74.4622, 77.2855

Square

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



74.4515, 74.4622, 79.5559



70.2411, 74.4622, 71.1567



67.2198, 74.4622, 82.6167



71.3098, 74.4622, 91.8782

Rectangle

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



74.4515, 74.4622, 79.5559



72.7061, 74.4622, 72.4838



67.2198, 74.4622, 82.6167



68.8767, 74.4622, 90.3232

Sweetspot

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



74.4536, 74.4655, 79.5575



91.6198, 94.8006, 102.6360



75.9369, 74.9364, 92.9008



19.4190, 20.0013, 21.6180



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.



74.4536, 74.4655, 79.5575



84.1257, 83.4668, 88.8715



76.0152, 78.2257, 78.1144



15.8647, 15.7956, 16.8436



19.8602, 10.2165, 1.9142



1.6803, 0.8612, 0.3075

Inverse Universe

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



74.4536, 74.4655, 79.5575



84.1257, 83.4668, 88.8715



73.9842, 79.4337, 93.8718



15.8647, 15.7956, 16.8436



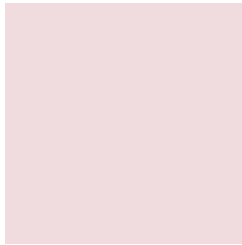
19.8602, 10.2165, 1.9142



1.6803, 0.8612, 0.3075

Previews

White Background



This preview shows how the XYZ color 74.4515, 74.4622, 79.5559 looks on a white background.

Color Contrast Check

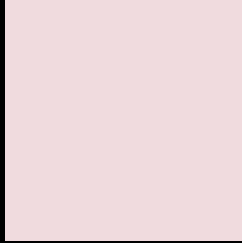
Large Text (above 18pt) WCAG AA × Fail

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 74.4515, 74.4622, 79.5559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

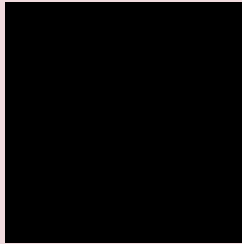
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

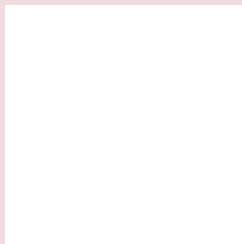
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4515, 74.4622, 79.5559

Background



This preview shows how black text looks on a background with the XYZ color 74.4515, 74.4622, 79.5559.



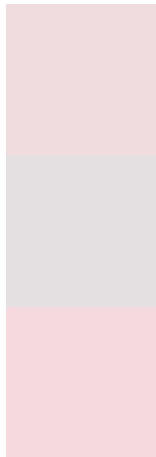
This preview shows how white text looks on a background with the XYZ color 74.4515, 74.4622,

79.5559.

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

74.4515, 74.4622, 79.5559

Protanopia

71.8371, 74.6512, 81.1439

Deuteranopia

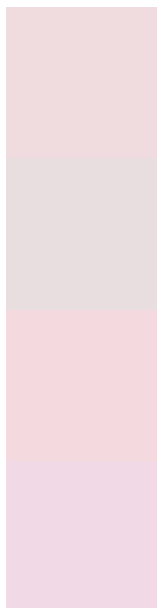
76.0037, 74.4925, 79.4799



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

74.4515, 74.4622, 79.5559

Protanomaly

72.7193, 74.7261, 80.4029

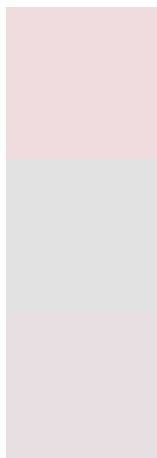
Deuteranomaly

75.5644, 74.6498, 79.5334

Tritanomaly

75.6300, 74.5568, 85.2677

Monochromacy



Original Color

74.4515, 74.4622, 79.5559

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9333, 75.2005, 81.9053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4515, 74.4622, 79.5559 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, 219, 222) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 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, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.4515, 74.4622, 79.5559 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, 219, 222) }
```


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

```
.border{ border-color:rgb(240, 219, 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, 219, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4515, 74.4622, 79.5559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 222) }
```

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

```
.background{ background-color: rgb(240,  
219, 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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