

Converting Colors

XYZ(75.1647, 71.4534, 78.2369)

Have a look what the booklet for
XYZ(75.1647, 71.4534, 78.2369)
contains.

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Color

**XYZ(75.1647, 71.4534,
78.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2DD
RGB	249, 210, 221
RGB Percent	98%, 82%, 87%
CMY	0.0235, 0.1764, 0.1333
CMYK	0.00, 0.16, 0.11, 0.02
HSL	343°, 76%, 90%
HSV	343°, 16%, 98%
XYZ	75.1647, 71.4534, 78.2369
YIQ	222.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

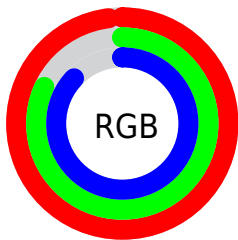
Format	Color
R _Y B	249, 210, 221
Decimal	16372445
CIE Lab	87.70, 15.37, -0.33
CIE LCh	88, 15.376, 358.757
Yxy	71.4534, 0.3343, 0.3178
Android (android.graphics.Color)	4294562525 (0xFFFF9D2DD)
YUV	222.9150, -0.9441, 22.8765
Hunter-Lab	84.5301, 10.7956, 4.2952

Details

The XYZ color **75.1647, 71.4534, 78.2369** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8895, 87.6279, 93.8073**, and the grayscale version is **70.0773, 73.7268, 80.2885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3425, 37.4023, 41.1695** is the 20% darker color. If you saturate the color by 10%, you get **67.2325, 59.1998, 64.4596**, and if you desaturate by 10%, it is **84.3111, 85.7277, 93.6722**.

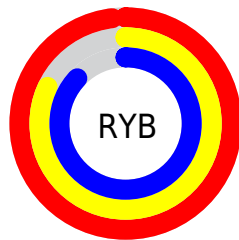
Distribution



Red (98%)

Green (82%)

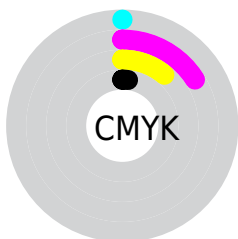
Blue (87%)



Red (98%)

Yellow (82%)

Blue (87%)

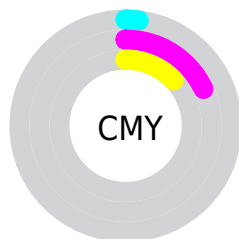


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1647, 71.4534, 78.2369 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 75.1647, 71.4534, 78.2369 by changing the saturation by 10% instead.


 75.1647, 71.4534,
78.2369

 75.1647, 71.4534,
78.2369


467.4719,
465.6368, 508.5202

 56.0425, 52.7123,
57.7510


125.5321,
121.2791, 132.6729

 40.4741, 37.5731,
41.1951


157.5081,
153.1325, 167.4601

 28.0943, 25.6516,
28.1507


194.4993,
190.1254, 207.8515

 18.5375, 16.5632,
18.1993

236.8711,
232.6422, 254.2657

 11.4386, 9.9235,
10.9222

284.9889,
281.0674, 307.1210

 6.4321, 5.3483,
5.9011

339.2181,

 3.1527, 2.4530,

335.7853, 366.8362

2.7172

399.9240,
397.1803, 433.8298

■ 1.2350, 0.8530,
0.9521

■ 0.1338, 0.0000,
0.0000

■ 75.1647, 71.4534,
78.2369

■ 75.1647, 71.4534,
78.2369

■ 67.2325, 59.1998,
64.4596

■ 84.3111, 85.7277,
93.6722

■ 60.4565, 48.8660,
52.2795

■ 92.8773, 98.8799,
108.7983

■ 54.7828, 40.3568,
41.6384

■ 50.1508, 33.5650,
32.4729

■ 46.4937, 28.3720,
24.7147

■ 43.7368, 24.6441,
18.2900

■ 41.7937, 22.2257,
13.1170

■ 40.5588, 20.9245,
9.1031

■ 40.1795, 20.5848,
7.6849

Harmonies

Analogous

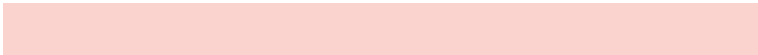
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0842, 71.4534, 88.6823



75.1647, 71.4534, 78.2369



74.2454, 71.4534, 68.5384

Triad

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



75.1647, 71.4534, 78.2369



64.5982, 71.4534, 61.4979



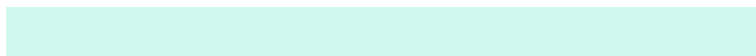
64.3438, 71.4534, 96.2536

Complementary

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



75.1647, 71.4534, 78.2369



75.8895, 87.6279, 93.8073

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.



61.9537, 71.4534, 87.8617



75.1647, 71.4534, 78.2369



62.0969, 71.4534, 67.8476

Square

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



75.1647, 71.4534, 78.2369



68.0665, 71.4534, 59.4098



61.1458, 71.4534, 77.3659



67.7624, 71.4534, 99.6418

Rectangle

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



75.1647, 71.4534, 78.2369



72.6402, 71.4534, 63.6635



61.1458, 71.4534, 77.3659



63.3980, 71.4534, 93.8895

Sweetspot

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



75.1667, 71.4566, 78.2384



89.6774, 91.5575, 100.0101



75.3911, 71.1046, 99.3745



19.0388, 19.3527, 21.1467



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.



75.1667, 71.4566, 78.2384



76.3903, 70.8464, 77.5056



75.8904, 75.1724, 71.4865



17.4458, 17.3057, 18.9372



21.5593, 11.0394, 4.3878



2.0400, 1.0397, 0.6341

Inverse Universe

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



75.1667, 71.4566, 78.2384



76.3903, 70.8464, 77.5056



75.0020, 83.1879, 101.7273



17.4458, 17.3057, 18.9372



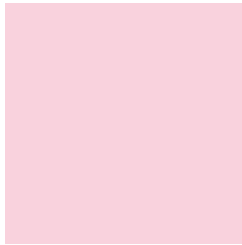
21.5593, 11.0394, 4.3878



2.0400, 1.0397, 0.6341

Previews

White Background



This preview shows how the XYZ color 75.1647, 71.4534, 78.2369 looks on a white background.

Color Contrast Check

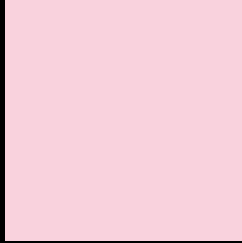
Large Text (above 18pt) WCAG AA × Fail

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 75.1647, 71.4534, 78.2369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

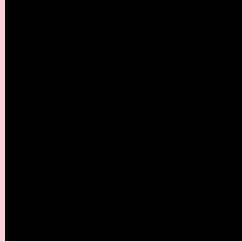
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1647, 71.4534, 78.2369

Background



This preview shows how black text looks on a background with the XYZ color 75.1647, 71.4534, 78.2369.



This preview shows how white text looks on a background with the XYZ color 75.1647, 71.4534,

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

75.1647, 71.4534, 78.2369

Protanopia

69.1832, 71.6836, 82.1415

Deuteranopia

72.9881, 71.4566, 77.6558



Tritanopia

75.9523, 71.4159, 81.7330

Trichromacy



Original Color

75.1647, 71.4534, 78.2369

Protanomaly

71.2891, 71.6494, 80.5934

Deuteranomaly

73.7700, 71.4874, 77.6205

Tritanomaly

75.6794, 71.3067, 80.2959

Monochromacy



Original Color

75.1647, 71.4534, 78.2369

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5349, 72.5725, 79.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1647, 71.4534, 78.2369 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(249, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 221)  
}
```

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(249, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.1647, 71.4534, 78.2369 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(249, 210, 221) }
```


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

```
.border{ border-color:rgb(249, 210, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1647, 71.4534, 78.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 221) }
```

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

```
.background{ background-color: rgb(249,  
210, 221) }
```

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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