

Converting Colors

XYZ(102.0854, 84.9396,
73.0440)

Have a look what the booklet for
XYZ(102.0854, 84.9396, 73.0440)
contains.

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Color

**XYZ(75.9241, 71.6144,
72.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D4
RGB	255, 209, 212
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1804, 0.1686
CMYK	0.00, 0.18, 0.17, 0.00
HSL	356°, 100%, 91%
HSV	356°, 18%, 100%
XYZ	75.9241, 71.6144, 72.1087
YIQ	223.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

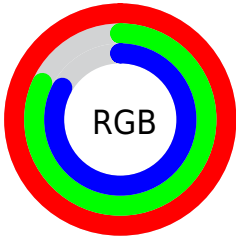
Format	Color
R _Y B	255, 209, 212
Decimal	16765396
CIE Lab	87.78, 16.59, 4.61
CIE LCh	88, 17.216, 15.516
Yxy	71.6144, 0.3457, 0.3260
Android (android.graphics.Color)	4294955476 (0xFFFFD1D4)
YUV	223.0960, -5.4703, 27.9798
Hunter-Lab	84.6253, 12.0523, 8.7171

Details

The XYZ color **75.9241, 71.6144, 72.1087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6277, 92.1048, 105.6805**, and the grayscale version is **70.2335, 73.8911, 80.4674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9301, 37.5513, 36.9892** is the 20% darker color. If you saturate the color by 10%, you get **67.3727, 58.9740, 55.5009**, and if you desaturate by 10%, it is **85.9243, 86.4412, 91.3918**.

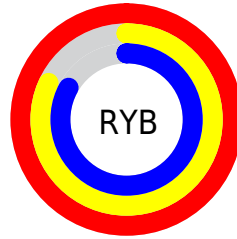
Distribution



Red (100%)

Green (82%)

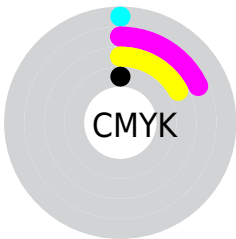
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

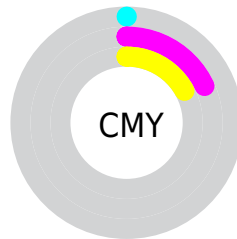


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9241, 71.6144, 72.1087 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 75.9241, 71.6144, 72.1087 by changing the saturation by 10% instead.


 75.9241, 71.6144,
72.1087

 75.9241, 71.6144,
72.1087


470.0362,
466.1984, 486.9076

 56.6671, 52.8437,
52.7601


126.6005,
121.5082, 123.9202

 40.9771, 37.6780,
37.2249


158.7507,
153.4000, 157.2202

 28.4888, 25.7329,
25.0845


195.9293,
190.4345, 196.0078

 18.8368, 16.6239,
15.9204

238.5017,
232.9958, 240.7014

 11.6557, 9.9667,
9.3141

286.8332,
281.4685, 291.7196

 6.5802, 5.3769,
4.8470

341.2892,

 3.2450, 2.4701,

336.2369, 349.4811

2.1006

402.2351,
397.6854, 414.4042

■ 1.2846, 0.8616,
0.6161

■ 0.1716, 0.0000,
0.0000

■ 75.9241, 71.6144,
72.1087

■ 75.9241, 71.6144,
72.1087

■ 67.3727, 58.9740,
55.5009

■ 85.9243, 86.4412,
91.3918

■ 60.1980, 48.4079,
41.4459

95.0500, 100.0000,
108.9000

■ 54.3294, 39.8079,
29.8185

■ 49.6883, 33.0527,
20.4811

■ 46.1873, 28.0072,
13.2822

■ 43.7276, 24.5182,
8.0524

■ 42.1933, 22.4048,
4.5961

■ 41.4324, 21.4239,
2.6750

■ 41.3381, 21.2993,
2.4467

Harmonies

Analogous

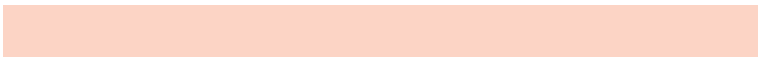
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9635, 71.6144, 83.7418



75.9241, 71.6144, 72.1087



73.7240, 71.6144, 62.9952

Triad

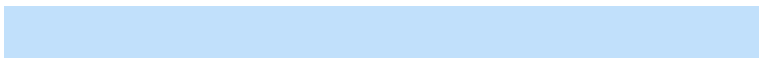
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9241, 71.6144, 72.1087



62.6130, 71.6144, 63.2442



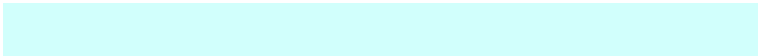
66.1206, 71.6144, 101.8609

Complementary

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



75.9241, 71.6144, 72.1087



79.6277, 92.1048, 105.6805

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.



62.7077, 71.6144, 95.1611



75.9241, 71.6144, 72.1087



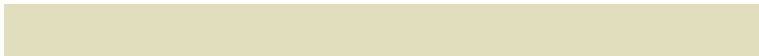
60.7382, 71.6144, 72.4810

Square

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



75.9241, 71.6144, 72.1087



65.9866, 71.6144, 58.2373



60.7722, 71.6144, 84.1530



70.1914, 71.6144, 101.7356

Rectangle

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



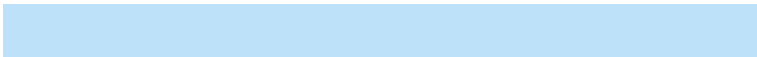
75.9241, 71.6144, 72.1087



71.3766, 71.6144, 59.2338



60.7722, 71.6144, 84.1530



64.8620, 71.6144, 100.3052

Sweetspot

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



75.9258, 71.6175, 72.1102



89.2564, 91.3891, 97.7932



80.9729, 73.5071, 104.5283



18.9368, 19.3119, 20.6098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

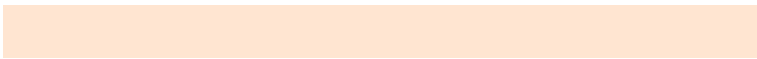
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9258, 71.6175, 72.1102



72.3668, 66.3514, 65.2143



80.7512, 81.8674, 71.8716



18.0573, 18.0062, 18.9191



21.6180, 11.1365, 1.3728



2.1209, 1.0907, 0.2180

Inverse Universe

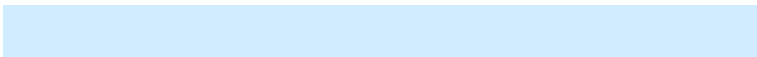
The Inverse Universe completely reimagines the original color for something new.



75.9258, 71.6175, 72.1102



72.3668, 66.3514, 65.2143



74.0744, 80.2326, 106.1900



18.0573, 18.0062, 18.9191



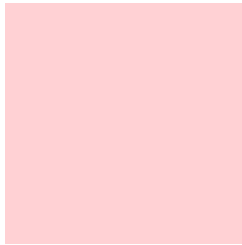
21.6180, 11.1365, 1.3728



2.1209, 1.0907, 0.2180

Previews

White Background



This preview shows how the XYZ color 75.9241, 71.6144, 72.1087 looks on a white background.

Color Contrast Check

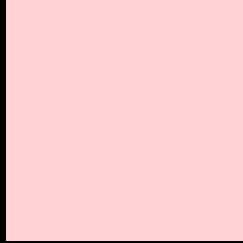
Large Text (above 18pt) WCAG AA × Fail

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 75.9241, 71.6144, 72.1087 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 75.9241, 71.6144, 72.1087

Background



This preview shows how black text looks on a background with the XYZ color 75.9241, 71.6144, 72.1087.

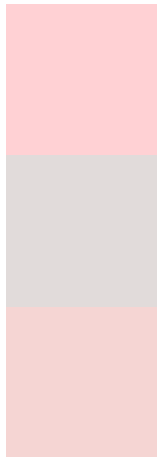


This preview shows how white text looks on a background with the XYZ color 75.9241, 71.6144,

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

75.9241, 71.6144, 72.1087

Protanopia

69.0377, 71.7325, 76.5368

Deuteranopia

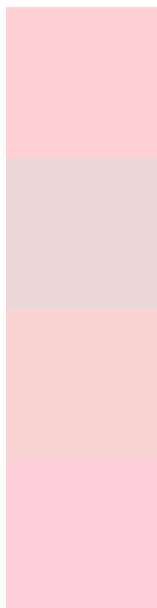
73.2083, 71.7041, 71.6098



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

75.9241, 71.6144, 72.1087

Protanomaly

71.2872, 71.3916, 74.9885

Deuteranomaly

74.3683, 71.9299, 71.5922

Tritanomaly

76.5821, 71.4862, 76.7797

Monochromacy



Original Color

75.9241, 71.6144, 72.1087

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1185, 72.9194, 77.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9241, 71.6144, 72.1087 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(255, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 212)  
}
```

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(255, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.9241, 71.6144, 72.1087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

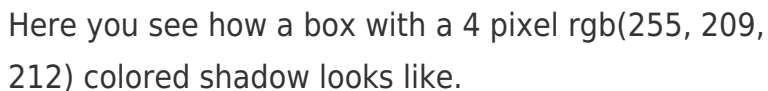
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 209, 212) }
```


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

```
.border{ border-color:rgb(255, 209, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 212); box-shadow:4px 4px 4px 4px rgb(255, 209, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9241, 71.6144, 72.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 212) }
```

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

```
.background{ background-color: rgb(255,  
209, 212) }
```

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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