

Converting Colors

XYZ(75.1905, 72.8512, 80.7251)

Have a look what the booklet for
XYZ(75.1905, 72.8512, 80.7251)
contains.

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Color

**XYZ(75.1573, 72.8874,
80.6285)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D6E0
RGB	245, 214, 224
RGB Percent	96%, 84%, 88%
CMY	0.0392, 0.1608, 0.1216
CMYK	0.00, 0.13, 0.09, 0.04
HSL	341°, 61%, 90%
HSV	341°, 13%, 96%
XYZ	75.1573, 72.8874, 80.6285
YIQ	224.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

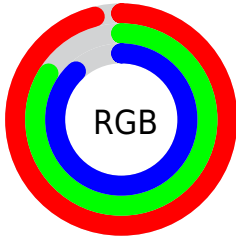
Format	Color
R _Y B	245, 214, 224
Decimal	16111328
CIE Lab	88.39, 12.39, -0.95
CIE LCh	88, 12.423, 355.603
Yxy	72.8874, 0.3287, 0.3187
Android (android.graphics.Color)	4294301408 (0xFFFF5D6E0)
YUV	224.4090, -0.2016, 18.0583
Hunter-Lab	85.3741, 7.7340, 3.7676

Details

The XYZ color **75.1573, 72.8874, 80.6285** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3822, 85.6010, 91.1509**, and the grayscale version is **71.1395, 74.8443, 81.5055**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5458, 38.4797, 42.8264** is the 20% darker color. If you saturate the color by 10%, you get **67.2749, 60.5505, 67.4314**, and if you desaturate by 10%, it is **84.1962, 87.1838, 95.2971**.

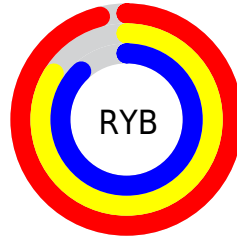
Distribution



Red (96%)

Green (84%)

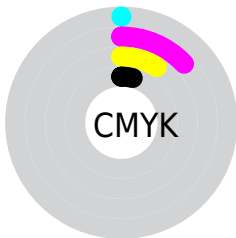
Blue (88%)



Red (96%)

Yellow (84%)

Blue (88%)

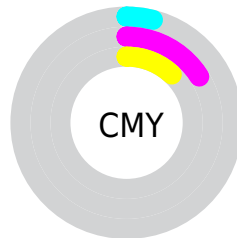


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1573, 72.8874, 80.6285 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 75.1573, 72.8874, 80.6285 by changing the saturation by 10% instead.


 75.1573, 72.8874,
80.6285

 75.1573, 72.8874,
80.6285


467.4469,
470.6245, 516.8109

 56.0364, 53.8839,
59.7065


125.5217,
123.3173, 136.0684

 40.4692, 38.5088,
42.7583


157.4959,
155.5126, 171.4233

 28.0904, 26.3779,
29.3656


194.4853,
192.8738, 212.4263

 18.5346, 17.1065,
19.1096

236.8552,
235.7855, 259.4959

 11.4365, 10.3105,
11.5719

284.9709,
284.6320, 313.0506

 6.4307, 5.6053,
6.3339

339.1979,

 3.1518, 2.6066,

339.7978, 373.5090

2.9771

399.9014,
401.6671, 441.2896

■ 1.2346, 0.9300,
1.0830

■ 0.1334, 0.0000,
0.0000

■ 75.1573, 72.8874,
80.6285

■ 75.1573, 72.8874,
80.6285

■ 67.2749, 60.5505,
67.4314

■ 84.1962, 87.1838,
95.2971

■ 60.4951, 50.0779,
55.6545

■ 91.4666, 98.1527,
108.7323

■ 54.7686, 41.3809,
45.2497

■ 50.0402, 34.3597,
36.1646

■ 46.2492, 28.9048,
28.3434

■ 43.3280, 24.8932,
21.7254

■ 41.1992, 22.1833,
16.2443

■ 39.7704, 20.6044,
11.8259

■ 39.0683, 19.9774,
9.1961

Harmonies

Analogous

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



74.1206, 72.8874, 89.0121



75.1573, 72.8874, 80.6285



74.5817, 72.8874, 72.4704

Triad

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



75.1573, 72.8874, 80.6285



66.8272, 72.8874, 65.4458



66.0861, 72.8874, 93.7086

Complementary

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



75.1573, 72.8874, 80.6285



75.3822, 85.6010, 91.1509

Split Complementary

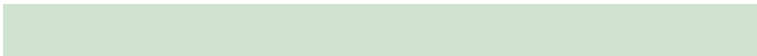
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.2305, 72.8874, 86.6772



75.1573, 72.8874, 80.6285



64.6497, 72.8874, 70.4358

Square

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



75.1573, 72.8874, 80.6285



69.7181, 72.8874, 64.0789



63.7122, 72.8874, 78.1088



68.8383, 72.8874, 96.9002

Rectangle

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



75.1573, 72.8874, 80.6285



73.3697, 72.8874, 68.1899



63.7122, 72.8874, 78.1088



65.3399, 72.8874, 91.6922

Sweetspot

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



75.1594, 72.8906, 80.6301



90.7891, 93.2267, 102.0891



74.6815, 72.2946, 96.4053



19.2661, 19.6903, 21.5835



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

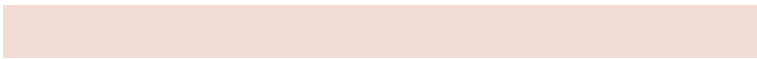
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1594, 72.8906, 80.6301



80.1432, 76.4188, 84.7175



75.1712, 75.0207, 74.1406



16.7194, 16.5706, 18.2689



21.1026, 10.7845, 5.2488



1.8998, 0.9659, 0.6986

Inverse Universe

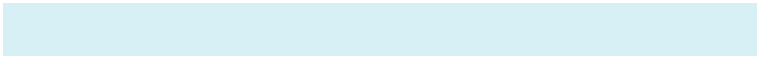
The Inverse Universe completely reimagines the original color for something new.



75.1594, 72.8906, 80.6301



80.1432, 76.4188, 84.7175



75.3264, 83.1129, 98.4594



16.7194, 16.5706, 18.2689



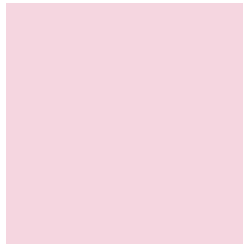
21.1026, 10.7845, 5.2488



1.8998, 0.9659, 0.6986

Previews

White Background



This preview shows how the XYZ color 75.1573, 72.8874, 80.6285 looks on a white background.

Color Contrast Check

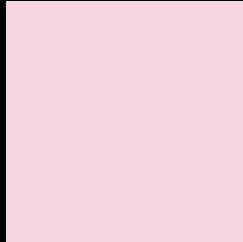
Large Text (above 18pt) WCAG AA × Fail

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 75.1573, 72.8874, 80.6285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

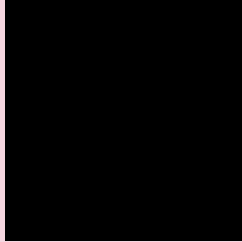
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1573, 72.8874, 80.6285

Background



This preview shows how black text looks on a background with the XYZ color 75.1573, 72.8874, 80.6285.



This preview shows how white text looks on a background with the XYZ color 75.1573, 72.8874,

80.6285.

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

75.1573, 72.8874, 80.6285

Protanopia

70.6005, 73.1616, 83.7993

Deuteranopia

74.3729, 72.8599, 80.6645



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

75.1573, 72.8874, 80.6285

Protanomaly

72.2152, 72.8447, 82.9273

Deuteranomaly

74.7171, 73.0374, 80.6806

Tritanomaly

75.8039, 72.7828, 83.4520

Monochromacy



Original Color

75.1573, 72.8874, 80.6285

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3265, 73.7240, 80.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1573, 72.8874, 80.6285 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(245, 214, 224) looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 224)  
}
```

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(245, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.1573, 72.8874, 80.6285 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(245, 214, 224) }
```


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

```
.border{ border-color:rgb(245, 214, 224) }
```

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

Here you see how a box with a 4 pixel rgb(245, 214, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1573, 72.8874, 80.6285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 224) }
```

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

```
.background{ background-color: rgb(245,  
214, 224) }
```

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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