

Converting Colors

XYZ(75.3425, 73.6742, 82.6816)

Have a look what the booklet for
XYZ(75.3425, 73.6742, 82.6816)
contains.

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Color

**XYZ(75.3831, 73.7125,
82.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D8E3
RGB	243, 216, 227
RGB Percent	95%, 85%, 89%
CMY	0.0471, 0.1529, 0.1098
CMYK	0.00, 0.11, 0.07, 0.05
HSL	336°, 53%, 90%
HSV	336°, 11%, 95%
XYZ	75.3831, 73.7125, 82.9279
YIQ	225.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

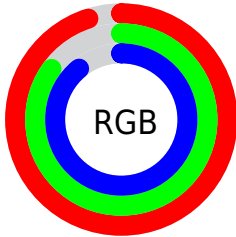
Format	Color
R _Y B	243, 216, 227
Decimal	15980771
CIE Lab	88.79, 11.16, -1.98
CIE LCh	89, 11.332, 349.938
Yxy	73.7125, 0.3249, 0.3177
Android (android.graphics.Color)	4294170851 (0xFFFF3D8E3)
YUV	225.3270, 0.8248, 15.4992
Hunter-Lab	85.8560, 6.4782, 2.8313

Details

The XYZ color **75.3831, 73.7125, 82.9279** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9378, 84.5281, 88.7138**, and the grayscale version is **71.7929, 75.5318, 82.2541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6848, 39.0331, 44.4195** is the 20% darker color. If you saturate the color by 10%, you get **67.7070, 61.4088, 70.9690**, and if you desaturate by 10%, it is **84.1503, 87.9304, 96.0727**.

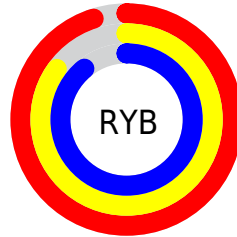
Distribution



Red (95%)

Green (85%)

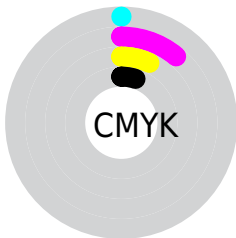
Blue (89%)



Red (95%)

Yellow (85%)

Blue (89%)

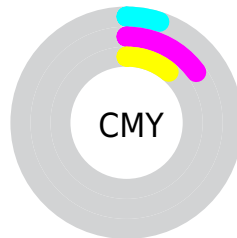


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3831, 73.7125, 82.9279 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 75.3831, 73.7125, 82.9279 by changing the saturation by 10% instead.

75.3831, 73.7125,
82.9279

75.3831, 73.7125,
82.9279

468.2102,
473.4805, 524.7109

56.2221, 54.5588,
61.5904

125.8395,
124.4882, 139.3228

40.6187, 39.0486,
44.2682

157.8656,
156.8789, 175.2173

28.2076, 26.7975,
30.5427

194.9108,
194.4507, 216.8012

18.6235, 17.4212,
19.9953

237.3404,
237.5881, 264.4931

11.5009, 10.5353,
12.2076

285.5198,
286.6754, 318.7114

6.4746, 5.7553,
6.7610

339.8143,

3.1791, 2.6968,

342.0969, 379.8748

3.2369

400.5893,
404.2372, 448.4018

■ 1.2492, 0.9756,
1.2168

■ 0.1447, 0.0000,
0.0000

■ 75.3831, 73.7125,
82.9279

■ 75.3831, 73.7125,
82.9279

■ 67.7070, 61.4088,
70.9690

■ 84.1503, 87.9304,
96.0727

■ 61.0715, 50.9275,
60.1566

■ 90.7725, 97.7949,
108.6998

■ 55.4311, 42.1836,
50.4555

■ 50.7346, 35.0816,
41.8272

■ 46.9259, 29.5167,
34.2302

■ 43.9427, 25.3718,
27.6203

■ 41.7137, 22.5126,
21.9486

■ 40.1545, 20.7787,
17.1606

■ 39.2136, 19.9553,
13.5841

Harmonies

Analogous

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



74.1755, 73.7125, 90.3782



75.3831, 73.7125, 82.9279



75.1366, 73.7125, 75.2196

Triad

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



75.3831, 73.7125, 82.9279



68.2786, 73.7125, 66.8838



66.7220, 73.7125, 92.3829

Complementary

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



75.3831, 73.7125, 82.9279



74.9378, 84.5281, 88.7138

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.



65.2202, 73.7125, 85.5214



75.3831, 73.7125, 82.9279



66.1025, 73.7125, 70.9274

Square

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



75.3831, 73.7125, 82.9279



70.9869, 73.7125, 66.2896



64.9965, 73.7125, 77.6507



69.1443, 73.7125, 96.0679

Rectangle

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



75.3831, 73.7125, 82.9279



74.1831, 73.7125, 70.9503



64.9965, 73.7125, 77.6507



66.0955, 73.7125, 90.3513

Sweetspot

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



75.3852, 73.7157, 82.9295



91.9364, 94.9272, 104.3033



73.9338, 72.7004, 94.9307



19.5042, 20.0354, 22.0667



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

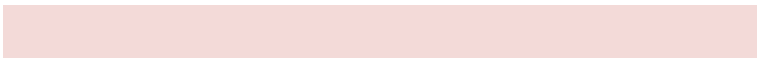
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3852, 73.7157, 82.9295



82.3679, 79.4415, 89.8571



74.4956, 74.2884, 75.3825



16.7789, 16.5944, 18.5823



21.5845, 10.9772, 7.7864



1.9467, 0.9846, 0.9456

Inverse Universe

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



75.3852, 73.7157, 82.9295



82.3679, 79.4415, 89.8571



75.8802, 83.8345, 96.9772



16.7789, 16.5944, 18.5823



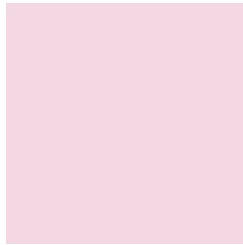
21.5845, 10.9772, 7.7864



1.9467, 0.9846, 0.9456

Previews

White Background



This preview shows how the XYZ color 75.3831, 73.7125, 82.9279 looks on a white background.

Color Contrast Check

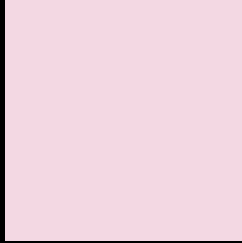
Large Text (above 18pt) WCAG AA × Fail

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 75.3831, 73.7125, 82.9279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

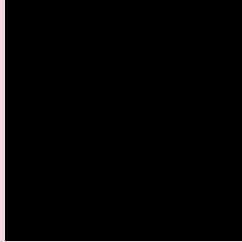
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3831, 73.7125, 82.9279

Background



This preview shows how black text looks on a background with the XYZ color 75.3831, 73.7125, 82.9279.



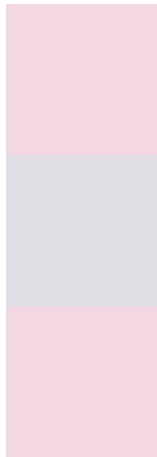
This preview shows how white text looks on a background with the XYZ color 75.3831, 73.7125,

82.9279.

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

75.3831, 73.7125, 82.9279

Protanopia

71.4555, 73.9633, 85.3731

Deuteranopia

75.3831, 73.7125, 82.9279



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

75.3831, 73.7125, 82.9279

Protanomaly

73.0148, 73.9993, 84.5638

Deuteranomaly

75.3831, 73.7125, 82.9279

Tritanomaly

75.8916, 73.5471, 85.0590

Monochromacy



Original Color

75.3831, 73.7125, 82.9279

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1275, 74.8893, 82.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3831, 73.7125, 82.9279 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(243, 216, 227) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 227)  
}
```

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(243, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.3831, 73.7125, 82.9279 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(243, 216, 227) }
```


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

```
.border{ border-color:rgb(243, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3831, 73.7125, 82.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 227) }
```

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

```
.background{ background-color: rgb(243,  
216, 227) }
```

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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