

Converting Colors

XYZ(75.8229, 73.4616, 82.6661)

Have a look what the booklet for
XYZ(75.8229, 73.4616, 82.6661)
contains.

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Color

**XYZ(75.8218, 73.5594,
82.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D7E3
RGB	245, 215, 227
RGB Percent	96%, 84%, 89%
CMY	0.0392, 0.1568, 0.1098
CMYK	0.00, 0.12, 0.07, 0.04
HSL	336°, 60%, 90%
HSV	336°, 12%, 96%
XYZ	75.8218, 73.5594, 82.8752
YIQ	225.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

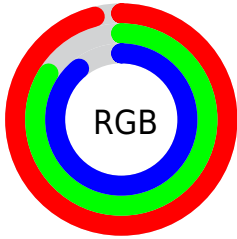
Format	Color
RYB	245, 215, 227
Decimal	16111587
CIELab	88.71, 12.37, -2.07
CIELCh	89, 12.538, 350.515
Yxy	73.5594, 0.3265, 0.3167
Android (android.graphics.Color)	4294301667 (0xFFFF5D7E3)
YUV	225.3380, 0.8194, 17.2436
Hunter-Lab	85.7668, 7.7104, 2.7457

Details

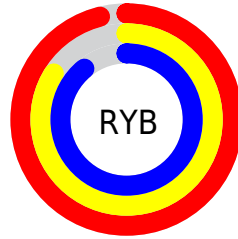
The XYZ color **75.8218, 73.5594, 82.8752** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3876, 85.6371, 89.6513**, and the grayscale version is **71.8002, 75.5394, 82.2624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0035, 38.9390, 44.3846** is the 20% darker color. If you saturate the color by 10%, you get **68.1013, 61.2276, 70.7143**, and if you desaturate by 10%, it is **84.6540, 87.8353, 96.2634**.

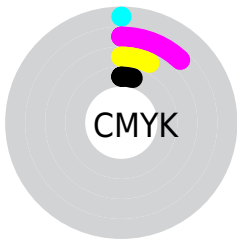
Distribution



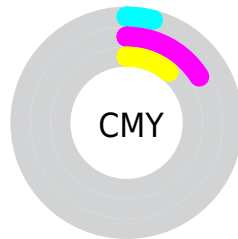
- Red (96%)
- Green (84%)
- Blue (89%)



- Red (96%)
- Yellow (84%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8218, 73.5594, 82.8752 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 75.8218, 73.5594, 82.8752 by changing the saturation by 10% instead.

75.8218, 73.5594,
82.8752

75.8218, 73.5594,
82.8752

469.6912,
472.9513, 524.5306

56.5829, 54.4335,
61.5472

126.4567,
124.2710, 139.2483

40.9093, 38.9483,
44.2335

158.5834,
156.6255, 175.1305

28.4356, 26.7195,
30.5156

195.7368,
194.1584, 216.7012

18.7964, 17.3627,
19.9749

238.2822,
237.2540, 264.3789

11.6264, 10.4934,
12.1929

286.5850,
286.2966, 318.5821

6.5602, 5.7273,
6.7511

341.0106,

3.2325, 2.6800,

341.6708, 379.7295

3.2308

401.9242,
403.7609, 448.2394

■ 1.2779, 0.9670,
1.2137

■ 0.1666, 0.0000,
0.0000

■ 75.8218, 73.5594,
82.8752

■ 75.8218, 73.5594,
82.8752

■ 68.1013, 61.2276,
70.7143

■ 84.6540, 87.8353,
96.2634

■ 61.4405, 50.7458,
59.7395

■ 91.4667, 98.1527,
108.7323

■ 55.7926, 42.0264,
49.9138

■ 51.1044, 34.9709,
41.1967

■ 47.3181, 29.4710,
33.5445

■ 44.3689, 25.4055,
26.9105

■ 42.1826, 22.6348,
21.2432

■ 40.6707, 20.9911,
16.4849

■ 39.8603, 20.2942,
13.3667

Harmonies

Analogous

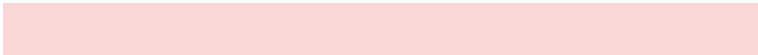
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5100, 73.5594, 91.1800



75.8218, 73.5594, 82.8752



75.5163, 73.5594, 74.3870

Triad

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



75.8218, 73.5594, 82.8752



67.8939, 73.5594, 65.4596



66.2761, 73.5594, 93.6750

Complementary

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



75.8218, 73.5594, 82.8752



75.3876, 85.6371, 89.6513

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.



64.5997, 73.5594, 86.0850



75.8218, 73.5594, 82.8752



65.5149, 73.5594, 69.9445

Square

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



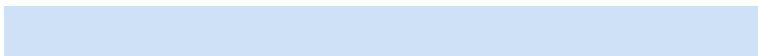
75.8218, 73.5594, 82.8752



70.8806, 73.5594, 64.7366



64.3251, 73.5594, 77.3751



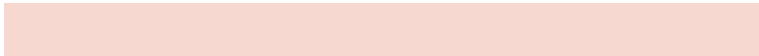
68.9602, 73.5594, 97.7055

Rectangle

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



75.8218, 73.5594, 82.8752



74.4398, 73.5594, 69.7349



64.3251, 73.5594, 77.3751



65.5793, 73.5594, 91.4306

Sweetspot

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



75.8239, 73.5626, 82.8768



90.9120, 93.2759, 102.7362



74.3888, 72.5206, 96.4645



19.2972, 19.7027, 21.7470



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

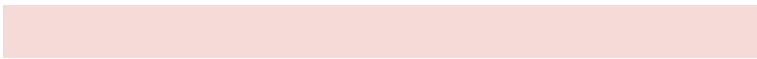
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8239, 73.5626, 82.8768



80.5606, 76.5858, 86.9153



74.9959, 74.4649, 74.7143



16.7737, 16.5923, 18.5548



21.5372, 10.9583, 7.5374



1.9422, 0.9828, 0.9221

Inverse Universe

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



75.8239, 73.5626, 82.8768



80.5606, 76.5858, 86.9153



76.2603, 84.5459, 98.6870



16.7737, 16.5923, 18.5548



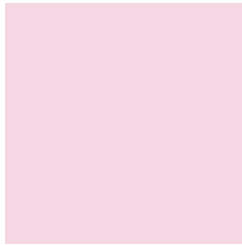
21.5372, 10.9583, 7.5374



1.9422, 0.9828, 0.9221

Previews

White Background



This preview shows how the XYZ color 75.8218, 73.5594, 82.8752 looks on a white background.

Color Contrast Check

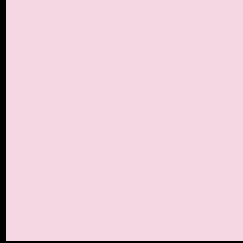
Large Text (above 18pt) WCAG AA × Fail

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 75.8218, 73.5594, 82.8752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

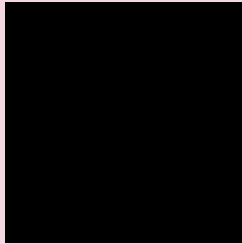
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8218, 73.5594, 82.8752

Background



This preview shows how black text looks on a background with the XYZ color 75.8218, 73.5594, 82.8752.

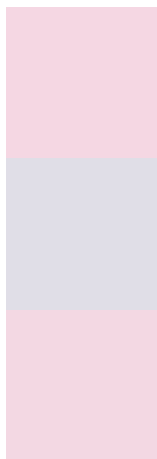


This preview shows how white text looks on a background with the XYZ color 75.8218, 73.5594,

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

75.8218, 73.5594, 82.8752

Protanopia

71.2856, 73.8594, 86.1004

Deuteranopia

75.3831, 73.7125, 82.9279



Tritanopia

76.4764, 73.4555, 85.7489

Trichromacy



Original Color

75.8218, 73.5594, 82.8752

Protanomaly

72.8932, 73.5320, 85.2141

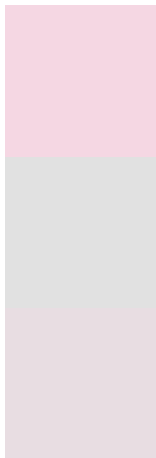
Deuteranomaly

75.7292, 73.8909, 82.9441

Tritanomaly

76.3355, 73.3991, 85.0070

Monochromacy



Original Color

75.8218, 73.5594, 82.8752

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8626, 74.3597, 82.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8218, 73.5594, 82.8752 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, 215, 227) looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 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(245, 215, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.8218, 73.5594, 82.8752 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, 215, 227) }
```


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

```
.border{ border-color:rgb(245, 215, 227) }
```

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

Here you see how a box with a 4 pixel rgb(245, 215, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8218, 73.5594, 82.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 227) }
```

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

```
.background{ background-color: rgb(245,  
215, 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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