

Converting Colors

XYZ(75.8916, 73.5471, 85.0590)

Have a look what the booklet for
XYZ(75.8916, 73.5471, 85.0590)
contains.

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Color

**XYZ(75.8916, 73.5471,
85.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7E6
RGB	244, 215, 230
RGB Percent	96%, 84%, 90%
CMY	0.0431, 0.1568, 0.0980
CMYK	0.00, 0.12, 0.06, 0.04
HSL	329°, 57%, 90%
HSV	329°, 12%, 96%
XYZ	75.8916, 73.5471, 85.0590
YIQ	225.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

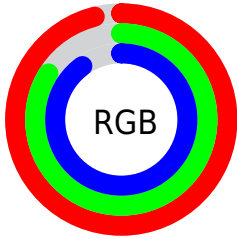
Format	Color
RYB	244, 215, 230
Decimal	16046054
CIELab	88.71, 12.53, -3.67
CIELCh	89, 13.059, 343.695
Yxy	73.5471, 0.3236, 0.3136
Android (android.graphics.Color)	4294236134 (0xFFFF4D7E6)
YUV	225.3810, 2.2772, 16.3289
Hunter-Lab	85.7596, 7.8814, 1.2261

Details

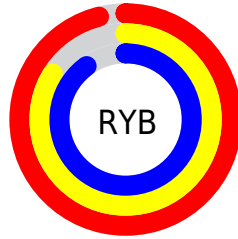
The XYZ color **75.8916, 73.5471, 85.0590** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5207, 84.8076, 86.5746**, and the grayscale version is **71.8217, 75.5620, 82.2871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0477, 38.9281, 45.9079** is the 20% darker color. If you saturate the color by 10%, you get **68.5373, 61.3966, 74.7194**, and if you desaturate by 10%, it is **84.2885, 87.6019, 96.2996**.

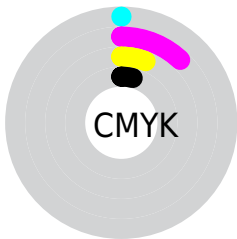
Distribution



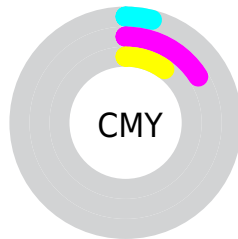
- Red (96%)
- Green (84%)
- Blue (90%)



- Red (96%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8916, 73.5471, 85.0590 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 75.8916, 73.5471, 85.0590 by changing the saturation by 10% instead.


 75.8916, 73.5471,
85.0590

 75.8916, 73.5471,
85.0590


469.9266,
472.9088, 531.9730

 56.6404, 54.4234,
63.3397


126.5548,
124.2536, 142.3305

 40.9556, 38.9403,
45.6733


158.6976,
156.6052, 178.7198

 28.4719, 26.7133,
31.6413


195.8681,
194.1349, 220.8361

 18.8240, 17.3580,
20.8251

238.4320,
237.2271, 269.0981

 11.6464, 10.4901,
12.8062

286.7544,
286.2662, 323.9242

 6.5739, 5.7251,
7.1661

341.2007,

 3.2410, 2.6786,

341.6366, 385.7331

3.4862

402.1364,
403.7226, 454.9431

■ 1.2825, 0.9664,
1.3479

■ 0.1700, 0.0000,
0.1006

■ 75.8916, 73.5471,
85.0590

■ 75.8916, 73.5471,
85.0590

■ 68.5373, 61.3966,
74.7194

■ 84.2885, 87.6019,
96.2996

■ 62.1763, 51.0581,
65.2509

■ 90.8883, 97.8812,
107.5025

■ 56.7645, 42.4461,
56.6285

■ 91.1187, 97.9733,
108.7160

■ 52.2518, 35.4643,
48.8241

■ 48.5834, 30.0069,
41.8075

■ 45.6980, 25.9553,
35.5458

■ 43.5255, 23.1734,
30.0029

■ 41.9818, 21.4973,
25.1374

■ 41.0869, 20.7446,
21.6419

Harmonies

Analogous

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



74.1806, 73.5471, 93.3140



75.8916, 73.5471, 85.0590



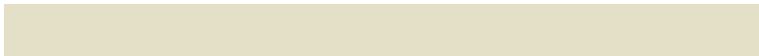
75.9672, 73.5471, 76.0358

Triad

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



75.8916, 73.5471, 85.0590



68.4775, 73.5471, 64.3547



65.6081, 73.5471, 92.6957

Complementary

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



75.8916, 73.5471, 85.0590



74.5207, 84.8076, 86.5746

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.



64.1729, 73.5471, 84.2657



75.8916, 73.5471, 85.0590



65.7956, 73.5471, 68.1609

Square

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



75.8916, 73.5471, 85.0590



71.6218, 73.5471, 64.5319



64.2405, 73.5471, 75.2997



68.2145, 73.5471, 97.9448

Rectangle

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



75.8916, 73.5471, 85.0590



75.0755, 73.5471, 70.8208



64.2405, 73.5471, 75.2997



64.9762, 73.5471, 90.1136

Sweetspot

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



75.8937, 73.5503, 85.0606



91.0990, 93.3507, 103.7213



72.7967, 71.7174, 95.5951



19.3445, 19.7216, 21.9961



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.



75.8937, 73.5503, 85.0606



82.0477, 78.2388, 91.4838



74.0016, 72.7935, 75.0971



16.8570, 16.6256, 18.9935



22.4100, 11.3074, 12.1335



2.0216, 1.0146, 1.3399

Inverse Universe

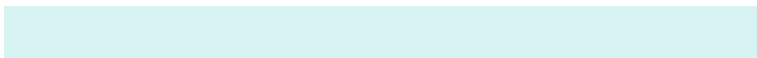
The Inverse Universe completely reimagines the original color for something new.



75.8937, 73.5503, 85.0606



82.0477, 78.2388, 91.4838



76.5600, 85.6233, 97.3134



16.8570, 16.6256, 18.9935



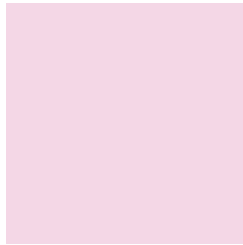
22.4100, 11.3074, 12.1335



2.0216, 1.0146, 1.3399

Previews

White Background



This preview shows how the XYZ color 75.8916, 73.5471, 85.0590 looks on a white background.

Color Contrast Check

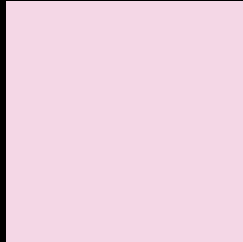
Large Text (above 18pt) WCAG AA × Fail

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 75.8916, 73.5471, 85.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

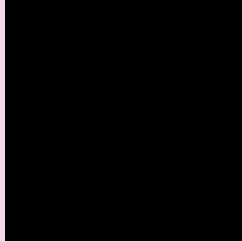
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8916, 73.5471, 85.0590

Background



This preview shows how black text looks on a background with the XYZ color 75.8916, 73.5471, 85.0590.



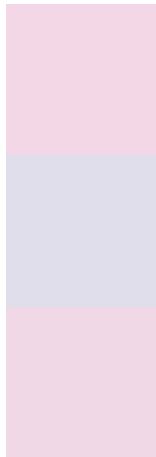
This preview shows how white text looks on a background with the XYZ color 75.8916, 73.5471,

85.0590.

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

75.8916, 73.5471, 85.0590

Protanopia

71.7130, 74.0304, 88.3515

Deuteranopia

75.1144, 73.5257, 85.0958



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

75.8916, 73.5471, 85.0590

Protanomaly

72.9945, 73.5352, 87.4373

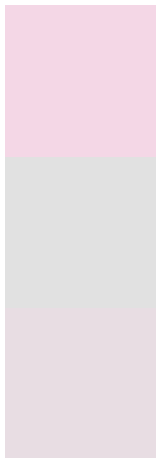
Deuteranomaly

75.4567, 73.7022, 85.1118

Tritanomaly

76.0325, 73.6035, 85.8009

Monochromacy



Original Color

75.8916, 73.5471, 85.0590

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.0003, 74.4148, 83.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8916, 73.5471, 85.0590 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(244, 215, 230) looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 230)  
}
```

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(244, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.8916, 73.5471, 85.0590 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(244, 215, 230) }
```


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

```
.border{ border-color:rgb(244, 215, 230) }
```

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

Here you see how a box with a 4 pixel rgb(244, 215, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8916, 73.5471, 85.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 230) }
```

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

```
.background{ background-color: rgb(244,  
215, 230) }
```

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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