

Converting Colors

XYZ(76.1164, 74.3953, 83.0329)

Have a look what the booklet for
XYZ(76.1164, 74.3953, 83.0329)
contains.

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Color

**XYZ(76.3342, 74.5842,
83.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D9E3
RGB	245, 217, 227
RGB Percent	96%, 85%, 89%
CMY	0.0392, 0.1490, 0.1098
CMYK	0.00, 0.11, 0.07, 0.04
HSL	339°, 58%, 91%
HSV	339°, 11%, 96%
XYZ	76.3342, 74.5842, 83.0460
YIQ	226.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

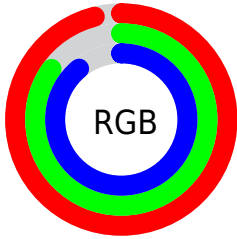
Format	Color
R _Y B	245, 217, 227
Decimal	16112099
CIE Lab	89.20, 11.32, -1.36
CIE LCh	89, 11.404, 353.166
Yxy	74.5842, 0.3263, 0.3188
Android (android.graphics.Color)	4294302179 (0xFFFF5D9E3)
YUV	226.5120, 0.2406, 16.2140
Hunter-Lab	86.3621, 6.6397, 3.4401

Details

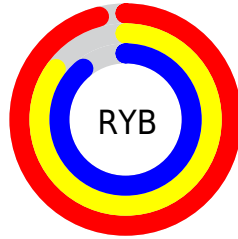
The XYZ color **76.3342, 74.5842, 83.0460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2660, 86.0567, 91.1924**, and the grayscale version is **72.6526, 76.4362, 83.2390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3530, 39.6380, 44.5011** is the 20% darker color. If you saturate the color by 10%, you get **68.4066, 62.0500, 70.1633**, and if you desaturate by 10%, it is **85.4024, 89.0794, 97.2921**.

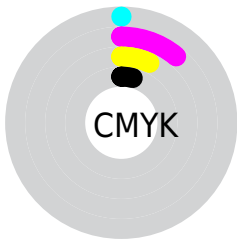
Distribution



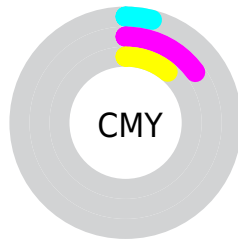
- Red (96%)
- Green (85%)
- Blue (89%)



- Red (96%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3342, 74.5842, 83.0460 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 76.3342, 74.5842, 83.0460 by changing the saturation by 10% instead.

76.3342, 74.5842,
83.0460

76.3342, 74.5842,
83.0460

471.4178,
476.4872, 525.1148

57.0046, 55.2723,
61.6873

127.1770,
125.7236, 139.4897

41.2491, 39.6198,
44.3459

159.4210,
158.3199, 175.4117

28.7023, 27.2422,
30.6033

196.7005,
196.1132, 217.0253

18.9989, 17.7552,
20.0411

239.3808,
239.4877, 264.7489

11.7735, 10.7744,
12.2405

287.8273,
288.8280, 319.0012

6.6607, 5.9153,
6.7832

342.4054,

3.2953, 2.7937,

344.5184, 380.2005

3.2505

403.4805,
406.9434, 448.7656

■ 1.3118, 1.0250,
1.2239

■ 0.1920, 0.0000,
0.0000

■ 76.3342, 74.5842,
83.0460

■ 76.3342, 74.5842,
83.0460

■ 68.4066, 62.0500,
70.1633

■ 85.4024, 89.0794,
97.2921

■ 61.5669, 51.3826,
58.5976

■ 91.4667, 98.1527,
108.7323

■ 55.7673, 42.4946,
48.3066

■ 50.9542, 35.2876,
39.2438

■ 47.0687, 29.6540,
31.3595

■ 44.0454, 25.4730,
24.6003

■ 41.8097, 22.6064,
18.9078

■ 40.2730, 20.8885,
14.2166

■ 39.3966, 20.1087,
10.9244

Harmonies

Analogous

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



75.2575, 74.5842, 90.7430



76.3342, 74.5842, 83.0460



75.9218, 74.5842, 75.3316

Triad

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



76.3342, 74.5842, 83.0460



68.8068, 74.5842, 67.9253



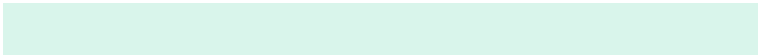
67.7317, 74.5842, 94.0965

Complementary

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



76.3342, 74.5842, 83.0460



76.2660, 86.0567, 91.1924

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.



66.0856, 74.5842, 87.3855



76.3342, 74.5842, 83.0460



66.6949, 74.5842, 72.3683

Square

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



76.3342, 74.5842, 83.0460



71.5284, 74.5842, 66.9305



65.7111, 74.5842, 79.4003



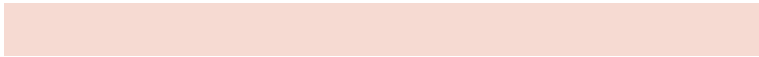
70.2555, 74.5842, 97.3874

Rectangle

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



76.3342, 74.5842, 83.0460



74.8631, 74.5842, 71.1749



65.7111, 74.5842, 79.4003



67.0601, 74.5842, 92.1456

Sweetspot

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



76.3363, 74.5875, 83.0476



91.8760, 94.9030, 103.9852



75.4699, 73.8386, 96.6619



19.4879, 20.0289, 21.9810



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

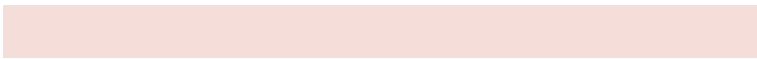
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3363, 74.5875, 83.0476



81.2220, 77.9086, 87.1357



75.9692, 75.9976, 76.3145



16.7436, 16.5803, 18.3961



21.2833, 10.8568, 6.2002



1.9178, 0.9731, 0.7933

Inverse Universe

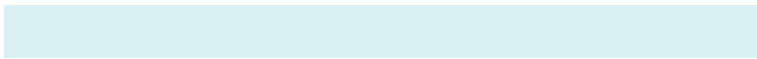
The Inverse Universe completely reimagines the original color for something new.



76.3363, 74.5875, 83.0476



81.2220, 77.9086, 87.1357



76.6335, 84.4150, 98.6420



16.7436, 16.5803, 18.3961



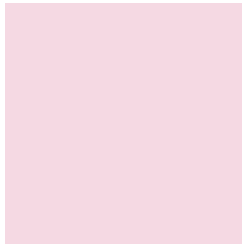
21.2833, 10.8568, 6.2002



1.9178, 0.9731, 0.7933

Previews

White Background



This preview shows how the XYZ color 76.3342, 74.5842, 83.0460 looks on a white background.

Color Contrast Check

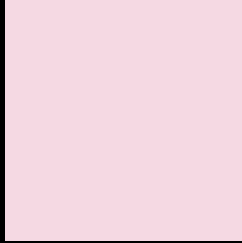
Large Text (above 18pt) WCAG AA × Fail

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 76.3342, 74.5842, 83.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

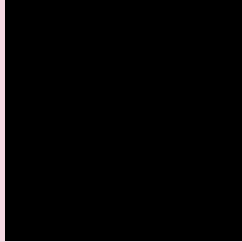
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3342, 74.5842, 83.0460

Background



This preview shows how black text looks on a background with the XYZ color 76.3342, 74.5842, 83.0460.

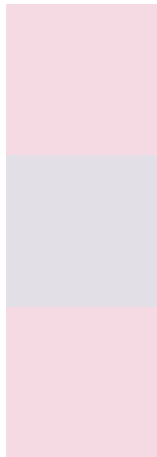


This preview shows how white text looks on a background with the XYZ color 76.3342, 74.5842,

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

76.3342, 74.5842, 83.0460

Protanopia

72.1755, 74.7136, 86.2184

Deuteranopia

76.3342, 74.5842, 83.0460



Tritanopia

77.2699, 74.5878, 87.4151

Trichromacy



Original Color

76.3342, 74.5842, 83.0460

Protanomaly

73.7437, 74.7497, 85.4043

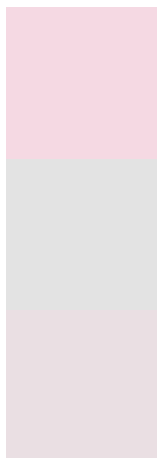
Deuteranomaly

76.3342, 74.5842, 83.0460

Tritanomaly

76.9857, 74.4741, 85.9187

Monochromacy



Original Color

76.3342, 74.5842, 83.0460

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.1845, 75.8138, 83.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3342, 74.5842, 83.0460 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, 217, 227) looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 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, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.3342, 74.5842, 83.0460 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, 217, 227) }
```


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

```
.border{ border-color:rgb(245, 217, 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, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3342, 74.5842, 83.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 227) }
```

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

```
.background{ background-color: rgb(245,  
217, 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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