

Converting Colors

XYZ(76.6764, 73.8611, 89.1919)

Have a look what the booklet for
XYZ(76.6764, 73.8611, 89.1919)
contains.

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Color

**XYZ(76.7490, 73.8901,
89.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7EC
RGB	244, 215, 236
RGB Percent	96%, 84%, 93%
CMY	0.0431, 0.1568, 0.0745
CMYK	0.00, 0.12, 0.03, 0.04
HSL	317°, 57%, 90%
HSV	317°, 12%, 96%
XYZ	76.7490, 73.8901, 89.5740
YIQ	226.0650, 10.5430, 12.6790

Conversions

Conversions Part 2

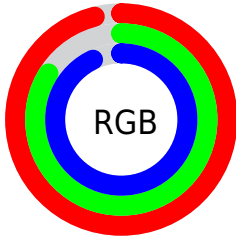
Format	Color
R_YB	244, 215, 236
Decimal	16046060
CIE _{Lab}	88.87, 13.57, -6.59
CIE _{LCh}	89, 15.089, 334.106
Yxy	73.8901, 0.3195, 0.3076
Android (android.graphics.Color)	4294236140 (0xFFFF4D7EC)
YUV	226.0650, 4.8980, 15.7290
Hunter-Lab	85.9594, 8.9453, -1.6116

Details

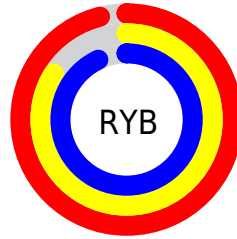
The XYZ color **76.7490, 73.8901, 89.5740** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6972, 84.4782, 82.2377**, and the grayscale version is **72.2979, 76.0630, 82.8327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5481, 39.1283, 48.5427** is the 20% darker color. If you saturate the color by 10%, you get **70.0341, 61.9953, 82.6012**, and if you desaturate by 10%, it is **84.4316, 87.6592, 97.0531**.

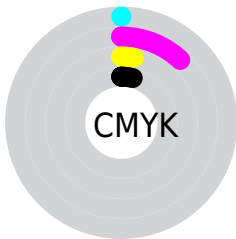
Distribution



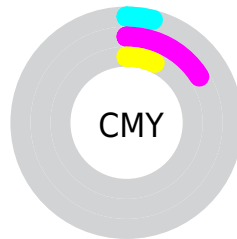
- Red (96%)
- Green (84%)
- Blue (93%)



- Red (96%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7490, 73.8901, 89.5740 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 76.7490, 73.8901, 89.5740 by changing the saturation by 10% instead.

76.7490, 73.8901,
89.5740

76.7490, 73.8901,
89.5740

472.8129,
474.0940, 547.1784

57.3461, 54.7041,
67.0557

127.7598,
124.7400, 148.6769

41.5244, 39.1649,
48.6680

160.0985,
157.1727, 186.0985

28.9185, 26.8880,
33.9924

197.4797,
194.7897, 229.3249

19.1632, 17.4891,
22.6105

240.2690,
237.9755, 278.7747

11.8930, 10.5838,
14.1036

288.8316,
287.1144, 334.8664

6.7425, 5.7877,
8.0532

343.5328,

3.3465, 2.7164,

342.5909, 398.0186

4.0407

404.7382,
404.7893, 468.6497

■ 1.3395, 0.9856,
1.6477

■ 0.2125, 0.0000,
0.3245

■ 76.7490, 73.8901,
89.5740

■ 76.7490, 73.8901,
89.5740

■ 70.0341, 61.9953,
82.6012

■ 84.4316, 87.6592,
97.0531

■ 64.2393, 51.8833,
76.1141

■ 90.2403, 97.6220,
104.0905

■ 59.3223, 43.4692,
70.0976

■ 91.1187, 97.9734,
108.7160

■ 55.2350, 36.6576,
64.5335

■ 51.9246, 31.3434,
59.4022

■ 49.3320, 27.4089,
54.6819

■ 47.3890, 24.7188,
50.3476

■ 46.0139, 23.1102,
46.3700

■ 45.2128, 22.3950,
43.3680

Harmonies

Analogous

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



74.2481, 73.8901, 98.3097



76.7490, 73.8901, 89.5740



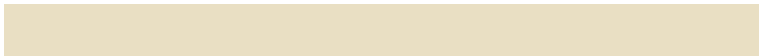
77.4812, 73.8901, 79.0200

Triad

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



76.7490, 73.8901, 89.5740



69.7279, 73.8901, 61.9897



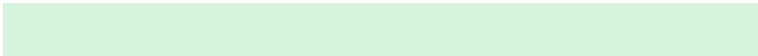
64.5666, 73.8901, 92.2845

Complementary

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



76.7490, 73.8901, 89.5740



73.6972, 84.4782, 82.2377

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.



63.4465, 73.8901, 81.9047



76.7490, 73.8901, 89.5740



66.3601, 73.8901, 64.9024

Square

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



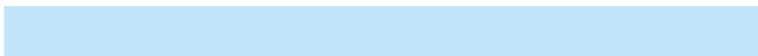
76.7490, 73.8901, 89.5740



73.3466, 73.8901, 63.6605



64.0916, 73.8901, 71.9746



67.2036, 73.8901, 99.9675

Rectangle

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



76.7490, 73.8901, 89.5740



76.8474, 73.8901, 72.5045



64.0916, 73.8901, 71.9746



64.0044, 73.8901, 88.9638

Sweetspot

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



76.7511, 73.8933, 89.5756



91.4321, 93.4839, 105.4751



70.9819, 70.7819, 95.5102



19.4288, 19.7553, 22.4403



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

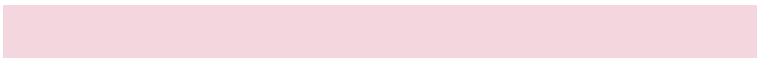
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7511, 73.8933, 89.5756



83.1542, 78.6815, 97.3109



74.7648, 73.0988, 79.1156



17.0072, 16.6857, 19.7843



24.6446, 12.2013, 23.9006



2.2093, 1.0897, 2.3286

Inverse Universe

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



76.7511, 73.8933, 89.5756



83.1542, 78.6815, 97.3109



75.6977, 85.2784, 92.7722



17.0072, 16.6857, 19.7843



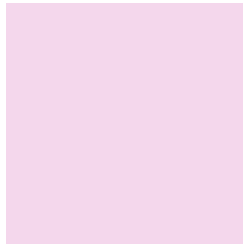
24.6446, 12.2013, 23.9006



2.2093, 1.0897, 2.3286

Previews

White Background



This preview shows how the XYZ color 76.7490, 73.8901, 89.5740 looks on a white background.

Color Contrast Check

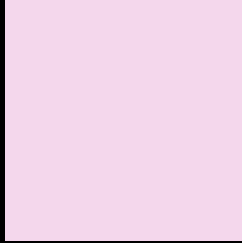
Large Text (above 18pt) WCAG AA × Fail

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 76.7490, 73.8901, 89.5740 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 76.7490, 73.8901, 89.5740

Background



This preview shows how black text looks on a background with the XYZ color 76.7490, 73.8901, 89.5740.



This preview shows how white text looks on a background with the XYZ color 76.7490, 73.8901,

89.5740.

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

76.7490, 73.8901, 89.5740

Protanopia

71.9737, 74.0634, 92.9403

Deuteranopia

75.5498, 74.0326, 89.6647



Tritanopia

76.0835, 73.9926, 86.6159

Trichromacy



Original Color

76.7490, 73.8901, 89.5740

Protanomaly

73.5446, 73.7180, 92.0141

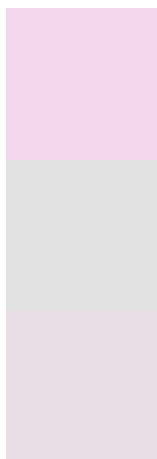
Deuteranomaly

75.9718, 73.8686, 89.6108

Tritanomaly

76.2260, 74.0496, 87.3663

Monochromacy



Original Color

76.7490, 73.8901, 89.5740

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.0085, 75.2794, 85.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7490, 73.8901, 89.5740 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, 236) looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.7490, 73.8901, 89.5740 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, 236) }
```


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

```
.border{ border-color:rgb(244, 215, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7490, 73.8901, 89.5740 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, 236) }
```

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

```
.background{ background-color: rgb(244,  
215, 236) }
```

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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