

Converting Colors

XYZ(76.2698, 72.8633, 85.7322)

Have a look what the booklet for
XYZ(76.2698, 72.8633, 85.7322)
contains.

XYZ(76.2241, 72.9509, 85.6648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2241, 72.9509,
85.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5E7
RGB	246, 213, 231
RGB Percent	96%, 84%, 91%
CMY	0.0353, 0.1647, 0.0941
CMYK	0.00, 0.13, 0.06, 0.04
HSL	327°, 65%, 90%
HSV	327°, 13%, 96%
XYZ	76.2241, 72.9509, 85.6648
YIQ	224.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

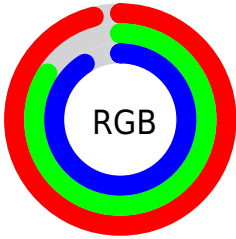
Format	Color
R _Y B	246, 213, 231
Decimal	16176615
CIE Lab	88.42, 14.43, -4.59
CIE LCh	88, 15.146, 342.352
Yxy	72.9509, 0.3246, 0.3106
Android (android.graphics.Color)	4294366695 (0xFFFF6D5E7)
YUV	224.9190, 2.9979, 18.4880
Hunter-Lab	85.4113, 9.8300, 0.3219

Details

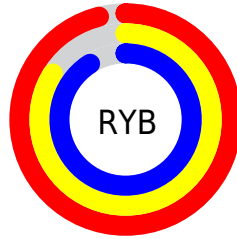
The XYZ color **76.2241, 72.9509, 85.6648** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4028, 85.6610, 86.0157**, and the grayscale version is **71.4838, 75.2065, 81.8999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1999, 38.4960, 45.8164** is the 20% darker color. If you saturate the color by 10%, you get **68.9707, 60.8908, 75.7019**, and if you desaturate by 10%, it is **84.5212, 86.9348, 96.4753**.

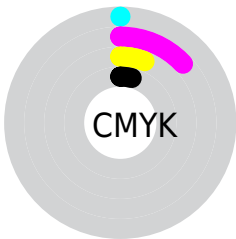
Distribution



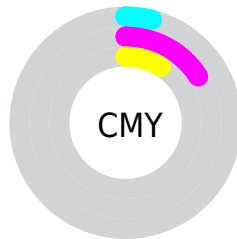
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2241, 72.9509, 85.6648 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 76.2241, 72.9509, 85.6648 by changing the saturation by 10% instead.


 76.2241, 72.9509,
85.6648

 76.2241, 72.9509,
85.6648


471.0471,
470.8446, 534.0271

 56.9140, 53.9358,
63.8375


127.0223,
123.4075, 143.1840

 41.1761, 38.5503,
46.0737


159.2411,
155.6178, 179.7131

 28.6450, 26.4101,
31.9549


196.4935,
192.9953, 221.9798

 18.9553, 17.1307,
21.0625

239.1449,
235.9244, 270.4027

 11.7418, 10.3277,
12.9780

287.5606,
284.7895, 325.4003

 6.6391, 5.6168,
7.2829

342.1059,

 3.2817, 2.6135,

339.9750, 387.3912

3.5585

403.1463,
401.8652, 456.7940

■ 1.3044, 0.9335,
1.3864

■ 0.1865, 0.0000,
0.1311

■ 76.2241, 72.9509,
85.6648

■ 76.2241, 72.9509,
85.6648

■ 68.9707, 60.8908,
75.7019

■ 84.5212, 86.9348,
96.4753

■ 62.7106, 50.6598,
66.5580

■ 91.5548, 98.2284,
107.3707

■ 57.3987, 42.1698,
58.2093

■ 91.8165, 98.3331,
108.7487

■ 52.9838, 35.3213,
50.6292

■ 49.4093, 30.0048,
43.7885

■ 46.6121, 26.0971,
37.6559

■ 44.5192, 23.4561,
32.1962

■ 43.0424, 21.9088,
27.3688

■ 42.3213, 21.3190,
24.5002

Harmonies

Analogous

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



74.1610, 72.9509, 95.1860



76.2241, 72.9509, 85.6648



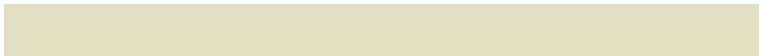
76.4025, 72.9509, 75.2194

Triad

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



76.2241, 72.9509, 85.6648



67.8510, 72.9509, 61.4138



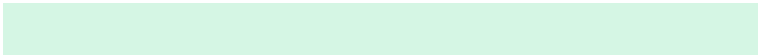
64.2923, 72.9509, 93.7161

Complementary

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



76.2241, 72.9509, 85.6648



74.4028, 85.6610, 86.0157

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.



62.7223, 72.9509, 83.7972



76.2241, 72.9509, 85.6648



64.7281, 72.9509, 65.5183

Square

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



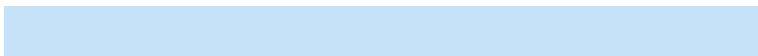
76.2241, 72.9509, 85.6648



71.4814, 72.9509, 61.8185



62.8790, 72.9509, 73.5074



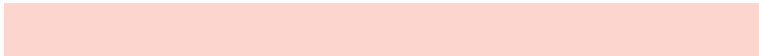
67.2372, 72.9509, 100.1067

Rectangle

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



76.2241, 72.9509, 85.6648



75.4205, 72.9509, 69.1794



62.8790, 72.9509, 73.5074



63.5910, 72.9509, 90.6487

Sweetspot

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



76.2262, 72.9541, 85.6664



91.1443, 93.3688, 103.9594



72.3790, 70.7154, 97.0244



19.3559, 19.7262, 22.0563



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

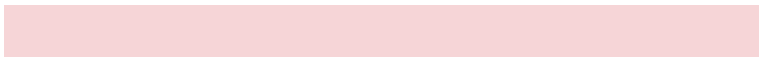
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2262, 72.9541, 85.6664



80.5433, 75.5369, 90.0368



74.0237, 72.0731, 74.0683



16.8772, 16.6337, 19.1001



22.6610, 11.4078, 13.4549



2.0435, 1.0234, 1.4554

Inverse Universe

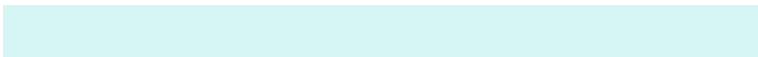
The Inverse Universe completely reimagines the original color for something new.



76.2262, 72.9541, 85.6664



80.5433, 75.5369, 90.0368



76.7810, 86.6123, 98.5391



16.8772, 16.6337, 19.1001



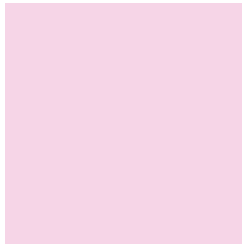
22.6610, 11.4078, 13.4549



2.0435, 1.0234, 1.4554

Previews

White Background



This preview shows how the XYZ color 76.2241, 72.9509, 85.6648 looks on a white background.

Color Contrast Check

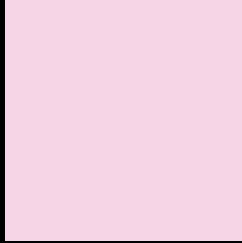
Large Text (above 18pt) WCAG AA × Fail

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 76.2241, 72.9509, 85.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

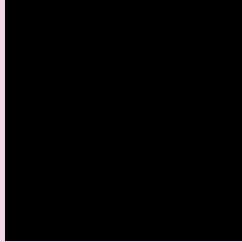
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2241, 72.9509, 85.6648

Background



This preview shows how black text looks on a background with the XYZ color 76.2241, 72.9509, 85.6648.



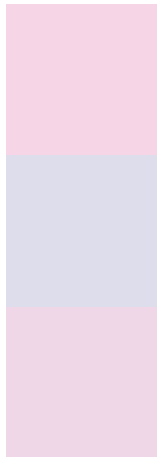
This preview shows how white text looks on a background with the XYZ color 76.2241, 72.9509,

85.6648.

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

76.2241, 72.9509, 85.6648

Protanopia

71.1210, 73.2986, 89.7565

Deuteranopia

74.6594, 72.8957, 85.7366



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

76.2241, 72.9509, 85.6648

Protanomaly

72.8777, 73.0722, 88.1052

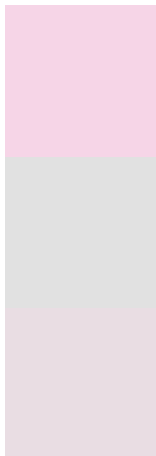
Deuteranomaly

75.0883, 72.7399, 85.6839

Tritanomaly

76.0832, 72.8945, 84.9229

Monochromacy



Original Color

76.2241, 72.9509, 85.6648

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.3259, 74.5826, 83.2042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2241, 72.9509, 85.6648 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(246, 213, 231)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 231)  
}
```

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(246, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.2241, 72.9509, 85.6648 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(246, 213, 231) }
```


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

```
.border{ border-color:rgb(246, 213, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2241, 72.9509, 85.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 231) }
```

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

```
.background{ background-color: rgb(246,  
213, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor