

# Converting Colors

XYZ(74.7253, 73.2567, 81.3137)

Have a look what the booklet for  
XYZ(74.7253, 73.2567, 81.3137)  
contains.

<b>XYZ(74.7644, 73.4252, 81.4661)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(74.7644, 73.4252,  
81.4661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D8E1
RGB	242, 216, 225
RGB Percent	95%, 85%, 88%
CMY	0.0510, 0.1529, 0.1176
CMYK	0.00, 0.11, 0.07, 0.05
HSL	339°, 50%, 90%
HSV	339°, 11%, 95%
XYZ	74.7644, 73.4252, 81.4661
YIQ	224.8000, 12.6070, 8.3110

# Conversions

## Conversions Part 2

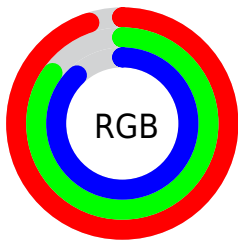
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 216, 225
Decimal	15915233
CIE <sub>Lab</sub>	88.65, 10.48, -1.14
CIE <sub>LCh</sub>	89, 10.537, 353.815
Yxy	73.4252, 0.3255, 0.3197
Android (android.graphics.Color)	4294105313 (0xFFFF2D8E1)
YUV	224.8000, 0.0986, 15.0844
Hunter-Lab	85.6885, 5.7888, 3.6135

# Details

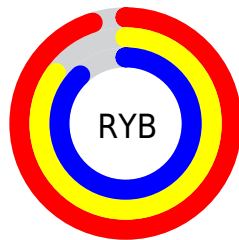
The XYZ color **74.7644, 73.4252, 81.4661** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7818, 83.9883, 89.3648**, and the grayscale version is **71.4191, 75.1385, 81.8258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2503, 38.8311, 43.4039** is the 20% darker color. If you saturate the color by 10%, you get **66.9557, 61.1036, 68.7010**, and if you desaturate by 10%, it is **83.6904, 87.6594, 95.5927**.

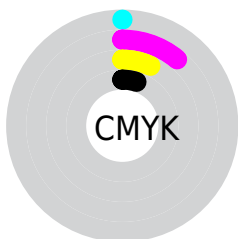
# Distribution



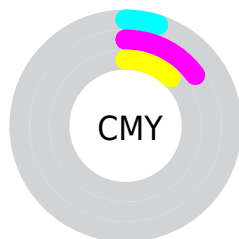
- Red (95%)
- Green (85%)
- Blue (88%)



- Red (95%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7644, 73.4252, 81.4661 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 74.7644, 73.4252, 81.4661 by changing the saturation by 10% instead.



 74.7644, 73.4252,  
81.4661

 74.7644, 73.4252,  
81.4661


466.1171,  
472.4872, 519.6965

 55.7134, 54.3237,  
60.3923


124.9685,  
124.0807, 137.2550

 40.2093, 38.8605,  
43.3076


156.8523,  
156.4034, 172.8072

 27.8867, 26.6512,  
29.7933


193.7444,  
193.9020, 214.0226

 18.3803, 17.3115,  
19.4310

236.0102,  
236.9609, 261.3197

 11.3247, 10.4568,  
11.8022

284.0150,  
285.9645, 315.1171

 6.3546, 5.7029,  
6.4882

338.1242,

 3.1046, 2.6653,

341.2971, 375.8334

3.0706

398.7031,  
403.3432, 443.8870

■ 1.2093, 0.9596,  
1.1308

■ 0.1137, 0.0000,  
0.0000

■ 74.7644, 73.4252,  
81.4661

■ 74.7644, 73.4252,  
81.4661

■ 66.9557, 61.1036,  
68.7010

■ 83.6904, 87.6594,  
95.5927

■ 60.2130, 50.6032,  
57.2509

■ 90.4284, 97.6175,  
108.6837

■ 54.4900, 41.8396,  
47.0735

■ 49.7345, 34.7179,  
38.1221

■ 45.8895, 29.1342,  
30.3472

■ 42.8917, 24.9721,  
23.6953

■ 40.6691, 22.0990,  
18.1079

■ 39.1364, 20.3562,  
13.5200

■ 38.2086, 19.5136,  
10.0878

# Harmonies

## Analogous

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



73.8106, 73.4252, 88.5052



74.7644, 73.4252, 81.4661



74.3590, 73.4252, 74.4243

# Triad

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



74.7644, 73.4252, 81.4661



67.8323, 73.4252, 67.8062



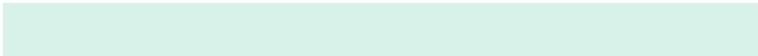
66.9407, 73.4252, 91.7935

# Complementary

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



74.7644, 73.4252, 81.4661



74.7818, 83.9883, 89.3648

# 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.



65.4092, 73.4252, 85.7375



74.7644, 73.4252, 81.4661



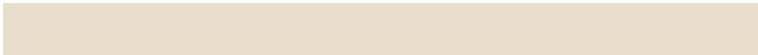
65.9151, 73.4252, 71.9601

# Square

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



74.7644, 73.4252, 81.4661



70.3167, 73.4252, 66.8155



65.0383, 73.4252, 78.4480



69.2629, 73.4252, 94.6965



# Rectangle

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



74.7644, 73.4252, 81.4661



73.3772, 73.4252, 70.6373



65.0383, 73.4252, 78.4480



66.3186, 73.4252, 90.0420

# Sweetspot

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



74.7665, 73.4284, 81.4677



91.8628, 94.8978, 103.9157



74.1570, 72.8328, 94.1550



19.4843, 20.0274, 21.9622



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.



74.7665, 73.4284, 81.4677



82.0754, 79.3245, 88.3172



74.5820, 74.9722, 75.5098



15.9986, 15.8491, 17.5488



20.5837, 10.5059, 5.7243



1.7576, 0.8921, 0.7143



# Inverse Universe

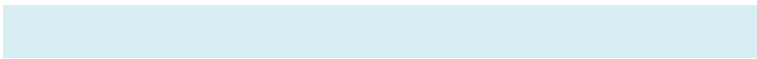
The Inverse Universe completely reimagines the original color for something new.



74.7665, 73.4284, 81.4677



82.0754, 79.3245, 88.3172



74.9520, 82.2191, 95.9248



15.9986, 15.8491, 17.5488



20.5837, 10.5059, 5.7243

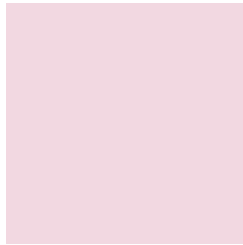


1.7576, 0.8921, 0.7143



# Previews

## White Background



This preview shows how the XYZ color 74.7644, 73.4252, 81.4661 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

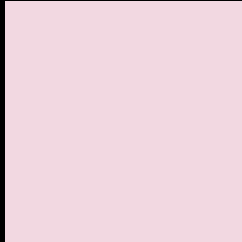
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.7644, 73.4252, 81.4661 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

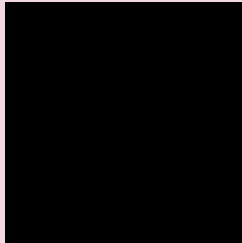
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.7644, 73.4252, 81.4661**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.7644, 73.4252, 81.4661.



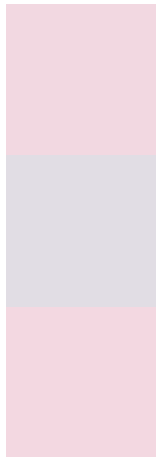
This preview shows how white text looks on a background with the XYZ color 74.7644, 73.4252,

81.4661.

# 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

74.7644, 73.4252, 81.4661

### Protanopia

70.9114, 73.3219, 83.8139

### Deuteranopia

75.1086, 73.6027, 81.4822



## Tritanopia

75.8281, 73.4818, 86.5308

# Trichromacy



## Original Color

74.7644, 73.4252, 81.4661

## Protanomaly

72.1516, 73.1980, 82.9989

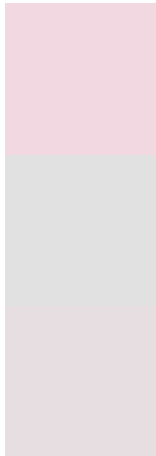
## Deuteranomaly

75.1086, 73.6027, 81.4822

## Tritanomaly

75.4054, 73.3127, 84.3052

# Monochromacy



## Original Color

74.7644, 73.4252, 81.4661

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.6669, 74.6677, 81.8165

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.7644, 73.4252, 81.4661 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(242, 216, 225) looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 225)  
}
```

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(242, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 74.7644, 73.4252, 81.4661 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(242, 216, 225) }
```



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

```
.border{ border-color:rgb(242, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
225) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.7644, 73.4252, 81.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 225) }
```

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

```
.background{ background-color: rgb(242,  
216, 225) }
```

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