

# Converting Colors

XYZ(75.2807, 71.1326, 78.1689)

Have a look what the booklet for  
XYZ(75.2807, 71.1326, 78.1689)  
contains.

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# Color

**XYZ(75.2760, 71.1454,  
78.1716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD1DD
RGB	250, 209, 221
RGB Percent	98%, 82%, 87%
CMY	0.0196, 0.1804, 0.1333
CMYK	0.00, 0.16, 0.12, 0.02
HSL	342°, 80%, 90%
HSV	342°, 16%, 98%
XYZ	75.2760, 71.1454, 78.1716
YIQ	222.6270, 20.5840, 12.4240

# Conversions

## Conversions Part 2

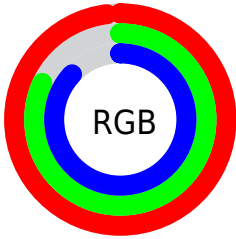
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 209, 221
Decimal	16437725
CIE <sub>Lab</sub>	87.56, 16.24, -0.54
CIE <sub>LCh</sub>	88, 16.253, 358.092
Y <sub>xy</sub>	71.1454, 0.3352, 0.3168
Android (android.graphics.Color)	4294627805 (0xFF <sub>FAD1DD</sub> )
Y <sub>UV</sub>	222.6270, -0.8021, 24.0061
Hunter-Lab	84.3477, 11.6935, 4.0948

# Details

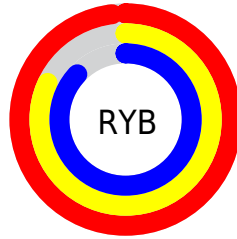
The XYZ color **75.2760, 71.1454, 78.1716** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9156, 88.1015, 93.8973**, and the grayscale version is **69.8716, 73.5104, 80.0528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4309, 37.2018, 41.1261** is the 20% darker color. If you saturate the color by 10%, you get **67.3837, 58.9345, 64.5219**, and if you desaturate by 10%, it is **84.3830, 85.3867, 93.4524**.

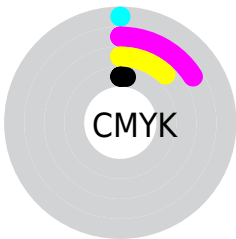
# Distribution



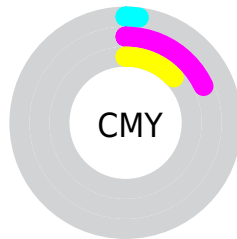
- Red (98%)
- Green (82%)
- Blue (87%)



- Red (98%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2760, 71.1454, 78.1716 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 75.2760, 71.1454, 78.1716 by changing the saturation by 10% instead.



75.2760, 71.1454,  
78.1716

75.2760, 71.1454,  
78.1716

467.8483,  
464.5616, 508.2928

56.1340, 52.4609,  
57.6977

125.6888,  
120.8407, 132.5801

40.5478, 37.3726,  
41.1525

157.6903,  
152.6203, 167.3517

28.1520, 25.4961,  
28.1177

194.7090,  
189.5337, 207.7263

18.5813, 16.4470,  
18.1746

237.1103,  
231.9653, 254.1224

11.4704, 9.8410,  
10.9047

285.2595,  
280.2995, 306.9585

6.4538, 5.2937,  
5.8894

339.5220,

3.1662, 2.4206,

334.9207, 366.6533

2.7102

400.2631,  
396.2132, 433.6252

■ 1.2422, 0.8365,  
0.9486

■ 0.1393, 0.0000,  
0.0000

■ 75.2760, 71.1454,  
78.1716

■ 75.2760, 71.1454,  
78.1716

■ 67.3837, 58.9345,  
64.5219

■ 84.3830, 85.3867,  
93.4524

■ 60.6477, 48.6520,  
52.4436

■ 93.2348, 99.0642,  
108.8150

■ 55.0136, 40.2011,  
41.8799

■ 50.4201, 33.4731,  
32.7684

■ 46.8000, 28.3475,  
25.0424

■ 44.0773, 24.6880,  
18.6293

■ 42.1643, 22.3355,  
13.4489

■ 40.9529, 21.0918,  
9.4099

■ 40.6324, 20.8073,  
8.2045

# Harmonies

## Analogous

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



74.0879, 71.1454, 89.1932



75.2760, 71.1454, 78.1716



74.3495, 71.1454, 67.9245

# Triad

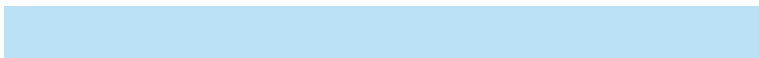
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2760, 71.1454, 78.1716



64.2026, 71.1454, 60.2614



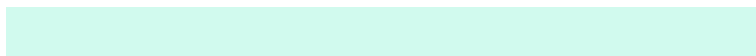
63.7920, 71.1454, 96.8469

# Complementary

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



75.2760, 71.1454, 78.1716



75.9156, 88.1015, 93.8973

# 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.



61.3123, 71.1454, 87.8600



75.2760, 71.1454, 78.1716



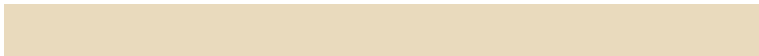
61.5429, 71.1454, 66.8132

# Square

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



75.2760, 71.1454, 78.1716



67.8678, 71.1454, 58.1875



60.5045, 71.1454, 76.7632



67.3760, 71.1454, 100.5901



# Rectangle

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



75.2760, 71.1454, 78.1716



72.6763, 71.1454, 62.7639



60.5045, 71.1454, 76.7632



62.8068, 71.1454, 94.2997

# Sweetspot

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



75.2780, 71.1486, 78.1731



89.6982, 91.5658, 100.1197



75.2175, 70.6317, 100.1123



19.0438, 19.3547, 21.1732



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

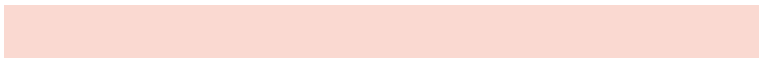
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2780, 71.1486, 78.1731



75.6089, 69.5562, 76.4054



75.7998, 74.6594, 70.7411



17.4535, 17.3088, 18.9779



21.6067, 11.0584, 4.6372



2.0452, 1.0418, 0.6616



# Inverse Universe

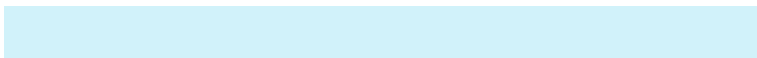
The Inverse Universe completely reimagines the original color for something new.



75.2780, 71.1486, 78.1731



75.6089, 69.5562, 76.4054



75.2449, 83.8449, 102.6613



17.4535, 17.3088, 18.9779



21.6067, 11.0584, 4.6372

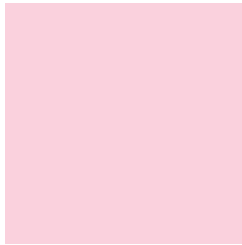


2.0452, 1.0418, 0.6616



# Previews

## White Background



This preview shows how the XYZ color 75.2760, 71.1454, 78.1716 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

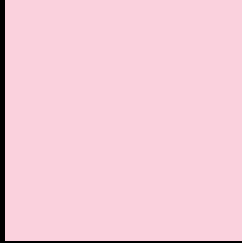
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.2760, 71.1454, 78.1716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

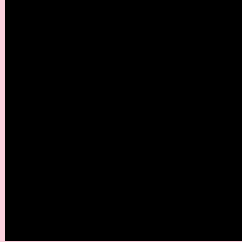
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.2760, 71.1454, 78.1716**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.2760, 71.1454, 78.1716.



This preview shows how white text looks on a background with the XYZ color 75.2760, 71.1454,



# 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

75.2760, 71.1454, 78.1716

### Protanopia

69.0607, 71.2185, 82.7797

### Deuteranopia

72.6477, 71.2811, 77.6398



## Tritanopia

75.5708, 70.8720, 80.9308

# Trichromacy



## Original Color

75.2760, 71.1454, 78.1716

## Protanomaly

71.1698, 71.1929, 81.2247

## Deuteranomaly

73.7700, 71.4874, 77.6205

## Tritanomaly

75.4348, 70.8176, 80.2143

# Monochromacy



## Original Color

75.2760, 71.1454, 78.1716

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.8605, 72.7404, 79.3601

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.2760, 71.1454, 78.1716 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(250, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 221)  
}
```

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(250, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 75.2760, 71.1454, 78.1716 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(250, 209, 221) }
```



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

```
.border{ border-color:rgb(250, 209, 221) }
```

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

Here you see how a box with a 4 pixel rgb(250, 209, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.2760, 71.1454, 78.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 221) }
```

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

```
.background{ background-color: rgb(250,  
209, 221) }
```

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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